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REGISTER OF
THE UNIVERSITY OF CHICAGO
1905-1906

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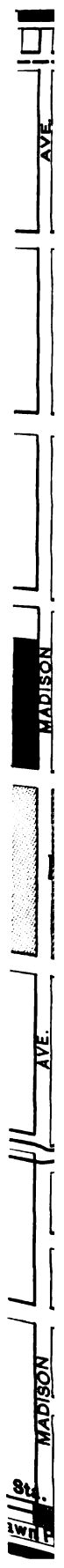
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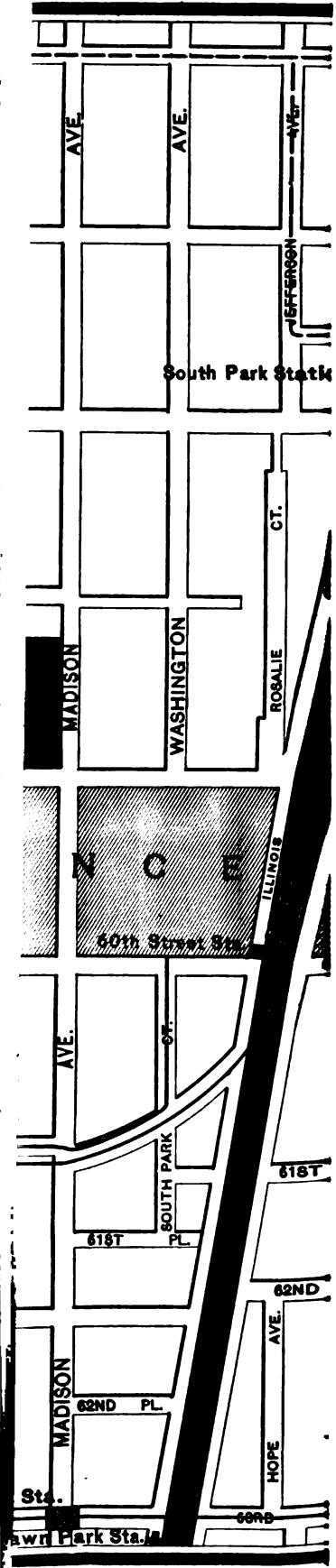


Princeton University.

Presented by

University of Chicago





The University of Chicago
FOUNDED BY JOHN D. ROCKEFELLER

ANNUAL REGISTER

JULY, 1905—JULY, 1906

WITH ANNOUNCEMENTS FOR 1906-1907

THE UNIVERSITY OF CHICAGO

FIFTY-EIGHTH STREET AND ELLIS AVENUE

CHICAGO

UNIVERSITY
LIBRARY
JUL 17 1906

CALENDAR FOR THE YEAR 1906-7

1906			1907		
June 8	Friday	JUNIOR COLLEGE DAY	Jan. 2	Wednesday	{ WINTER QUARTER begins MATRICULATION and REGISTRATION of incoming students
June 9	Saturday	ALUMNI DAY	Feb. 12	Tuesday	LINCOLN'S BIRTHDAY: a holiday
June 11	Monday	CLASS DAY	Feb. 22	Friday	{ WASHINGTON'S BIRTHDAY: a holiday THE ANNUAL CONTEST in Oratory
June 12	Tuesday	THE SUMMER CONVOCATION	Mar. 17	Sunday	CONVOCATION SUNDAY
June 13	Wednesday	{ QUARTERLY EXAMINATIONS	Mar. 18	Monday	SPRING MEETING of the <i>University</i> Congregation
June 14	Thursday		Mar. 19	Tuesday	SPRING CONVOCATION
June 15	Friday		Mar. 20	Wednesday	{ QUARTERLY EXAMINATIONS
June 15	Friday	SPRING QUARTER ends	Mar. 21	Thursday	
June 16	Saturday	SUMMER QUARTER begins	Mar. 22	Friday	
July 4	Wednesday	INDEPENDENCE DAY: a holiday	Mar. 23	Friday	WINTER QUARTER ends
July 26	Thursday	{ EXAMINATIONS for the First Term of the Summer Quarter FIRST TERM of Summer Quarter ends	Mar. 23-31		QUARTERLY RECESS
July 27	Friday	SECOND TERM of Summer Quarter begins	April 1	Monday	{ SPRING QUARTER begins MATRICULATION and REGISTRATION of incoming students
August 31	Friday	{ EXAMINATIONS for Second Term of the Summer Quarter THE AUTUMN CONVOCATION SECOND TERM of Summer Quarter ends	May 30	Thursday	MEMORIAL DAY: a holiday
Oct. 1	Monday	AUTUMN QUARTER begins	June 7	Friday	JUNIOR COLLEGE DAY
Nov. 29	Thursday	THANKSGIVING DAY: a holiday	June 8	Saturday	ALUMNI DAY
Dec. 18	Tuesday	THE WINTER CONVOCATION	June 10	Monday	{ CLASS DAY SUMMER MEETING of the <i>University</i> Congregation
Dec. 19	Wednesday	{ QUARTERLY EXAMINATIONS	June 11	Tuesday	THE SUMMER CONVOCATION
Dec. 20	Thursday		June 12	Wednesday	{ QUARTERLY EXAMINATIONS
Dec. 21	Friday		June 13	Thursday	
Dec. 21	Friday	AUTUMN QUARTER ends	June 14	Friday	

UNIVERSITY
OF CHICAGO
LIBRARY

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PART I

ORGANIZATION AND GOVERNMENT OF THE UNIVERSITY

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF CHICAGO

OFFICERS

MARTIN A. RYERSON, *President*
ANDREW MACLEISH, *Vice President* CHARLES L. HUTCHINSON, *Treasurer*
THOMAS W. GOODSPEED, *Secretary*
WALLACE HECKMAN, *Counsel and Business* TREVOR ARNETT, *Auditor*
Manager

MEMBERS

Class 1. Term expires in 1906

FRED T. GATES	EDWARD GOODMAN	HOWARD G. GREY
CHARLES L. HUTCHINSON	FRANCIS W. PARKER	ADOLPHUS C. BARTLETT
	FREDERICK A. SMITH	

Class 2. Term expires in 1907

ELI B. FELSENTHAL	HAROLD F. McCORMICK
WILLIAM R. HARPER*	MARTIN A. RYERSON
FRANKLIN MACVEAGH	WILLARD A. SMITH
FRANK O. LOWDEN	

Class 3. Term expires in 1908

JESSE A. BALDWIN	HENRY A. RUST
ANDREW MACLEISH	ENOS M. BARTON
FRANK J. LLEWELLYN	JOHN D. ROCKEFELLER, JR.

* Died January 10, 1906.

HISTORICAL SKETCH OF THE UNIVERSITY OF CHICAGO*

The first University of Chicago closed its work in 1886. Within a few months thereafter Mr. John D. Rockefeller took into consideration the founding of a new institution of learning in that city. In the fall of 1888 he conferred with Professor William R. Harper in regard to it, and finally entered into communication on the subject with Rev. F. T. Gates, Secretary of the American Baptist Education Society. In December, 1888, Mr. Gates brought the matter before the Board of the Society, which approved the effort to establish a well-equipped institution in Chicago, and instructed the Secretary to use every means in his power to originate and encourage such a movement. Being also encouraged by Mr. Rockefeller, Mr. Gates henceforth gave himself, with untiring devotion, to the work of founding the UNIVERSITY OF CHICAGO.

At the annual meeting of the Education Society, held in Boston in May, 1889, the Society formally resolved "to take immediate steps toward the founding of a well-equipped college in the City of Chicago." To make it possible to carry out this purpose, Mr. Rockefeller at once made a subscription of \$600,000 toward an endowment fund, conditioned on the pledging of \$400,000 before June 1, 1890. This condition was fulfilled.

The annual meeting of the Education Society in June, 1890, was held in Chicago, and the Board of the Society adopted articles of incorporation and a charter for the new institution. On September 10 of the same year the University was incorporated with the following Trustees: E. Nelson Blake, Edward Goodman, Hermann H. Kohlsaat, George C. Walker, William R. Harper, Andrew McLeish, Martin A. Ryerson, Henry A. Rust, Alonzo K. Parker, Joseph M. Bailey, Charles C. Bowen, Charles L. Hutchinson, Frederick A. Smith, George A. Pillsbury, Ferdinand W. Peck, Daniel L. Shorey, Francis E. Hinckley, John W. Midgley, Eli B. Felsenthal, Elmer L. Corthell, Charles W. Needham.

The incorporators named in the charter were John D. Rockefeller, E. Nelson Blake, Marshall Field, Fred T. Gates, Francis E. Hinckley, and Thomas W. Goodspeed. The name of the corporation in law is "THE UNIVERSITY OF CHICAGO." In recognition of the peculiar relation of Mr. Rockefeller to the institution, the Board of Trustees has enacted that on the seal, letter heads, and all official publications of the University the title shall read: "The University of Chicago, founded by John D. Rockefeller."

At the first meeting of the Board after its incorporation in September, 1890, Professor William Rainey Harper, of Yale University, was elected President; and he entered on the duties of his office July 1, 1891.

On July 11, 1891, the executors and trustees of the estate of William B. Ogden designated to the University 70 per cent. of that portion of the estate devoted by will to benevolent purposes. It is expected that more than half a million dollars will be realized from

this designation for "THE OGDEN (GRADUATE) SCHOOL OF SCIENCE OF THE UNIVERSITY OF CHICAGO."

The University began the erection of its first buildings on November 28, 1891. The doors of the University were opened to students and the work of instruction began October 1, 1892. The only buildings then ready for occupancy were Cobb Lecture Hall and the Graduate and Divinity dormitories.

Mr. Rockefeller's original contribution was soon followed by another of \$1,000,000, which provided for the establishment of an academy at Morgan Park and the union of the Baptist Union Theological Seminary with the University as its Divinity School. Other gifts followed, and on May 1, 1905, they had reached a total for all purposes of \$15,000,000.

December 14, 1895, Miss Helen Culver, of Chicago, presented to the University property valued at \$1,000,000, "the whole gift to be devoted to the increase and spread of knowledge within the field of the biological sciences."

In 1898 the College for Teachers, now University College, was established in the business center of the city.

At the Convocation held March 19, 1901, the President announced that the College Institute, founded by Mrs. Emmons Blaine, was to become a School of the University, to be known as the University of Chicago School of Education; that the South Side Academy was to become one of the secondary schools of the University, and that this school and the Chicago Manual Training School would be connected with the University School of Education, the two combined preparatory schools to be named the University High School.

With the beginning of the academic year 1901-2 the University instituted instruction in the first two years of a Medical Course. A Medical Faculty was appointed, and the Freshman and Sophomore classes of Rush Medical College were transferred to the University.

In the spring of 1902 the Board of Trustees determined on the organization of a Law School, the work of instruction to begin in October, 1902.

The annual enrolment of students in the College and Graduate classes has been as follows:

1892-3.....	696	1899-0.....	3,188
1893-4.....	920	1900-1.....	3,520
1894-5.....	1,347	1901-2.....	4,450
1895-6.....	1,815	1902-3.....	4,468
1896-7.....	1,880	1903-4.....	4,580
1897-8.....	2,307	1904-5.....	4,596
1898-9.....	2,969		

On January 10, 1906, the University suffered an incalculable loss in the death of President William Rainey Harper, who had served through fourteen and a half years. On the death of President Harper Harry Pratt Judson was appointed Acting President of the University.

*For a detailed historical sketch of the University, see the President's Decennial Report, pp. 493-574.

GENERAL ORGANIZATION OF THE UNIVERSITY

The University is organized into five distinct Divisions: I, Schools, Colleges, and Academies; II, Extension; III, Libraries, Laboratories, and Museums; IV, Press; V, Relations.

The SCHOOLS at present organized are: the *Graduate School of Arts and Literature*; the *Ogden (Graduate) School of Science*; the *Divinity School*; the *Law School*; the *Medical Courses* (in co-operation with Rush Medical College); and the *School of Education*.

The COLLEGES at present organized are: the *Colleges of Arts, of Literature, of Science, of Commerce and Administration*; the *College of Education*; the *College of Religious and Social Science*; *University College*. The College of Education is the professional department of the School of Education.

The ACADEMIES are: the *Morgan Park Academy*

for boys, and the *University High School*. The *University Elementary School* and the *Laboratory School* are part of the School of Education.

The EXTENSION DIVISION directs, by lectures and correspondence courses, the work of students who are unable to attend the exercises held at the University.

Under the third Division are included: the *General Library* and all *Departmental Libraries*; the general museums and all special museums.

The PRESS DIVISION has charge of all printing and publication for the University, and of the purchase and distribution of books and supplies.

The Division of UNIVERSITY RELATIONS is charged with the supervision of matters pertaining to the institutions in affiliation or co-operation with the University.

OFFICERS OF ADMINISTRATION

HARRY PRATT JUDSON, *Acting President of the University*.

ALONZO KETCHAM PARKER, *Recorder*.

CHARLES RICHMOND HENDERSON, *Chaplain*.

THOMAS WAKEFIELD GOODSPEED, *Registrar*.

WALLACE HOOKMAN, *Counsel and Business Manager*.

TREVOR ARNETT, *Auditor*.

HENRY PORTER CHANDLER, *Secretary to the President*.

Schools, Colleges, and Academies

HARRY PRATT JUDSON, *Dean of the Faculties of Arts, Literature, and Science*.

ALBION WOODBURY SMALL, *Dean of the Graduate School of Arts and Literature*.

ROLLIN D. SALISBURY, *Dean of the Ogden (Graduate) School of Science*.

MARION TALBOT, *Dean of Women*.

SOPHONISBA PRESTON BRECKINRIDGE, *Assistant Dean of Women*.

FRANCIS WAYLAND SHEPARDSON, *Dean of the Senior Colleges*.

EDWIN ERLE SPARKS, *Dean of University College*.

EDWARD AMBROSE BECHTEL, *Dean in University College*.

GEORGE EDGAR VINCENT, *Dean of the Junior Colleges*.

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ERI BAKER HULBERT and SHAILER MATHEWS, *Deans of the Divinity School*.

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HENRIK GUNDERSEN, *Dean of the Dano-Norwegian Theological Seminary*.

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EDWIN BRANT FROST, *Director of the Observatory*.

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NEWMAN MILLER, *Director*.

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WILLIAM RAINY HARPER, Ph.D., D.D., LL.D., President of the University; Professor and Head of the Department of the Semitic Languages and Literatures.‡

A.B., Muskingum College, 1870; Ph.D., Yale University, 1875; Principal of Masonic College, Macon, Tenn., 1875-6; Tutor in Preparatory Department, Denison University, 1876-9; Principal of same, 1879-80; Professor of Hebrew and the Cognate Languages, Baptist Union Theological Seminary, 1879-86; Principal of Chautauqua College of Liberal Arts, 1885-91; Principal of the Chautauqua System, 1891-8; Professor of the Semitic Languages, Yale University, 1886-91; Woolsey Professor of Biblical Literature, *ibid.*, 1889-91; D.D., Colby University, 1891; LL.D., University of Nebraska, 1893; Tulane University, 1901; Yale University, 1901; Johns Hopkins University, 1902; Baylor University, 1903; University of Wisconsin, 1904; University of Toronto, 1904. President of the University of Chicago, 1891-1906.

HARRY PRATT JUDSON, A.M., LL.D., Acting President of the University; Professor of Comparative Politics and Diplomacy, and Head of the Department of Political Science; Dean of the Faculties of Arts, Literature, and Science.**

A.B., Williams College, 1870; A.M., *ibid.*, 1883; Principal of High School, Troy, N. Y.; Professor of History, University of Minnesota, 1885-92; also Lecturer on Pedagogy, *ibid.*, 1886-92; LL.D., Williams College, 1893; Co-editor of *The American Historical Review*, 1896-1902; LL.D., Queen's University Ontario, 1903.

GALUSHA ANDERSON, A.M., S.T.D., LL.D., Professor of Homiletics. *Newton Center, Mass.*

A.B., University of Rochester, 1854; A.M., *ibid.*, 1857; Student, Rochester Theological Seminary, 1854-6; Pastor, Janesville, Wis., 1856-8; St. Louis, Mo., 1858-66; S.T.D., University of Rochester, 1866; Professor of Sacred Rhetoric, Church Polity, and Pastoral Duties, Newton Theological Institution, 1866-73; Pastor, Brooklyn, N. Y., 1873-6; Pastor, Chicago, 1876-8; President of the old University of Chicago, 1878-85; LL.D., University of Rochester and Madison (now Colgate) University, 1884; Pastor, Salem, Mass., 1885; President of Denison University, 1887-90; Professor of Homiletics, Church Polity, and Pastoral Duties, Baptist Union Theological Seminary, 1890-2; Professor and Head of the Department of Homiletics, the University of Chicago, 1892-1904. Retired from the active duties of his chair in January, 1904.

WILLIAM CLEAVER WILKINSON, A.M., D.D., Professor of Poetry and Criticism.

A.B., University of Rochester, 1857; A.M., *ibid.*, 1863; Student, University of Paris, 1861-3; Professor of Modern Languages, University of Rochester, 1863-4; Professor of Homiletics and Pastoral Theology, Rochester Theological Seminary, 1872-81; D.D., University of Rochester, 1873.

HENRY HOLMES BELFIELD, A.M., Ph.D., Dean of the Technological Course of the University High School.

A.B., Iowa College, 1858; A.M., Griswold College, 1861; A.M., Iowa College, 1868; Ph.D., *ibid.*, 1878; Tutor in Latin and Greek, *ibid.*, 1858; Tutor in Latin, Griswold College, 1860-1; Principal or Superintendent of Public Schools, Dubuque (Iowa), 1869-60, 1861-3, 1866-6; Principal of Grammar School, Chicago, 1866-76; Principal of North Division High School, Chicago, 1876-83; Director of the Chicago Manual Training School, 1883-1903; Dean of the University High School, 1903-.

FRANKLIN JOHNSON, D.D., LL.D., Professor of Church History and Homiletics.

Graduated, Hamilton Theological Seminary, 1861; Pastor, Michigan and New Jersey, 1864-6; German Universities, 1866-9; D.D., University of Jena, 1869; LL.D., Ottawa University, Kansas, 1886; Pastor, Cambridge, Mass., 1874-88; Athens, Greece, 1888-9; President, Ottawa University, Kansas, 1890-2; Assistant Professor of Church History and Homiletics, the University of Chicago, 1892-4; Associate Professor, *ibid.*, 1894-5; abroad, 1901-2.

THOMAS WAKEFIELD GOODSPEED, D.D., Secretary of the Board of Trustees, and University Registrar.

A.B., University of Rochester, 1863; Graduate of Rochester Theological Seminary, 1866; D.D., the University of Chicago, 1885.

ERI BAKER HULBERT, A.M., D.D., LL.D., Professor and Head of the Department of Church History; Dean of the Divinity School.

A.B., Union College, 1863; Graduate, Hamilton Theological Seminary, 1866; A.M., Madison (now Colgate) University, 1866, and Union College, 1868; D.D., Baptist Union Theological Seminary, 1880; LL.D., Bucknell University, 1898; Professor of Church History, Baptist Union Theological Seminary, 1881-92; Acting President, Baptist Union Theological Seminary, 1884-5.

EDWARD JUDSON, A.M., D.D., Professor and Head of the Department of Homiletics.

A.B., Brown University, 1865, and A.M. 1868; Principal at Townshend, Vt., 1865-7; Professor of Latin and Modern Languages, Colgate University, 1867-74; in Europe and the East, 1874-5; Pastor in Orange, N. J., 1875-81; Pastor in New York City, 1881-94; D.D., Colgate University, 1882.

THOMAS CHROWDER CHAMBERLIN, Ph.D., LL.D., Sc.D., Professor and Head of the Department of Geology; Director of Museums.

A.B., Beloit College, 1866, and A.M., 1869; Principal High School, 1866-8; Graduate Student, University of Michigan, 1868-9; Professor of Natural Science, State Normal School, Whitewater, Wisconsin, 1869-73; Professor of Geology, Beloit College, 1873-82; Assistant State Geologist of Wisconsin, 1873-6; Chief Geologist, *ibid.*, 1876-82; studied glaciers of Switzerland, 1878; Lecturer on Geology, Beloit College, 1882-7; Professor of Geology, Columbian University, 1885-7; U. S. Geologist, 1882 to date; Ph.D., University of Michigan, and University of Wisconsin, 1882; President, University of Wisconsin, 1887-92; LL.D., University of Michigan, 1887, Beloit College and Columbian University of same date; Geologist to Peary Expedition, 1894; President of the Chicago Academy of Sciences; Editor of *The Journal of Geology*; LL.D., University of Wisconsin, 1904; Sc.D., University of Illinois, 1905; Consulting Geologist, Wisconsin Geological Survey; Commissioner, Illinois Geological Survey.

CHARLES OTIS WHITMAN, Ph.D., LL.D., Sc.D., Professor and Head of the Department of Zoology; Curator of the Zoological Museum.

A.B., Bowdoin College, 1863, and A.M., 1871; Principal of Westford Academy, 1869-73; Master in English High School, Boston, 1873; Ph.D., University of Leipzig, 1878; Fellow of Johns Hopkins University, 1879; Professor of Zoology, Imperial University of Japan, 1890-1; Naples Zoological Station, 1892; Assistant in Zoology, Harvard University, 1893-5; Director of the Allis Lake Laboratory, 1896-9; Professor of

*The names in each group, with the exception of the name of the President, are arranged in order of collegiate seniority.

†For addresses of Officers of Instruction and Administration, see the *Quarterly Address Book*.

‡Died January 10, 1906.

**Acting President of the University from January 16, 1906.

Zoology, Clark University, 1889-92; LL.D., University of Nebraska, 1894; Sc.D. (Honorary), Bowdoin College, 1894; Member of the National Academy; Associate Fellow, American Academy of Arts and Sciences; Foreign Member of the Linnaean Society, Director of the Marine Biological Laboratory, Woods Hole, Mass., 1888—; Editor of the *Journal of Morphology*, the *Biological Bulletin*, and the *Biological Lectures*.

NICHOLAS SENN, M.D., Ph.D., LL.D., C.M., Professor of Surgery.

M.D., Chicago Medical College, 1868; Graduate of University of Munich, 1878; Ph.D., University of Wisconsin, 1887; LL.D., Lake Forest University, 1892, and Jefferson Medical College, 1899; Professor of Surgery, College of Physicians and Surgeons, Chicago, 1885-8; Professor of the Principles of Surgery and Surgical Pathology, 1888-90; Professor of the Practice of Surgery and Clinical Surgery, 1890-8; President Wisconsin State Medical Society, 1878; President American Surgical Association, 1893; President American Medical Association, 1897; Founder and President of the American Association of Military Surgeons, 1893; ex-President American Medical Association and American Surgical Society; ex-President Chicago Medical Society and Chicago Gynecological Society; Professor of Surgery, Chicago Polyclinic, 1890—; Surgeon in Chief, St. Joseph's Hospital, 1890—; Attending Surgeon Presbyterian Hospital, 1890—; Honorary Member of the Academy of Medicine, Mexico; of the Medical Society of Norway and Sweden; Honorary Fellow, College of Physicians, Philadelphia; Honorary Member of the Medical Society, Edinburgh; Corresponding Member of the Harveian Society, London; Honorary Member of Surgical Society of Belgium; Honorary Member of the Medical Society of Sweden; Corresponding Member of the Surgical Society of Paris; Life Member of the German Congress of Surgeons; Surgeon of the Sixth Army Corps, and Chief of the Operating Staff with the United States Army in the Field; Surgeon General of Illinois; *Nicholas Senn* Professor of Surgery, Rush Medical College.

RICHARD GREEN MOULTON, Ph.D., Professor of Literary Theory and Interpretation and Head of the Department of General Literature.

A.B., London University, 1869; A.B., University of Cambridge, 1874, and A.M., 1877; Cambridge University Extension Lecturer in Literature, 1874-90; Lecturer to the American Society for the Extension of University Teaching (Philadelphia), 1891; Ph.D., University of Pennsylvania, 1891; Lecturer to the London Society for the Extension of University Teaching, 1891-2; Professor of Literature (in English), the University of Chicago, 1892-1902.

CARL GUSTAF LAGERGREN, A.B., D.B., Professor (in the Swedish Theological Seminary) of Systematic Theology, and Dean of the Seminary.

Morgan Park.

Graduate of Sundsvall Academy, Sweden, 1865; A.B., College of Östersund, Sweden, 1869; Instructor in Latin, Swedish Language and Literature, and Natural Science, Academy of Sundsvall, 1870-1; Principal of the Higher Private School, Sundsvall, 1870-1; Student, University of Upsala, Sweden, 1871-3; Pastor, Upsala, Sweden, 1871-83; Editor of *Evangelisten*, a Swedish Baptist paper, started 1856 by A. Wiberg, 1873-83; Editor of *Nyckelord-vännernas Tidning*, a monthly Temperance paper, 1876-8; Temperance Preacher, representing the Swedish National Temperance Union, 1877-9; Editor of *Predikaren*, a monthly religious paper, 1878-81; Pastor, Sundsvall, Sweden, 1883-9; Editor of *Söndret och Månsleven*, a monthly magazine, 1884-9; Dean and Professor of Systematic Theology and Pastoral Duties in the Swedish Department of the Baptist Union Theological Seminary, 1889-92; D.B. (Honorary), *ibid.*, 1890.

JOHN MERLE COULTER, Ph.D., Professor and Head of the Department of Botany.

A.B., Hanover College, 1870; A.M., *ibid.*, 1873; Ph.D., Hanover College and Indiana University, 1883; Botanist of Geologic Survey of the Territories, 1872-4; Professor of Natural Sciences, Hanover College, 1874-9; Professor of Biology, Wabash College, 1879-91; President and Professor of Botany, Indiana University, 1891-3; Vice President, American Asso-

ciation for the Advancement of Science, 1891; President of Lake Forest University, 1898-6; Special Agent in Botany, United States Department of Agriculture, since 1887; Principal of Bay View Summer University, 1898-6; Principal of Winona Summer School, 1896-8; President, American Botanical Society, 1897-3; Corresponding Member of the British Association for the Advancement of Science, 1897; Associate Fellow of American Academy of Arts and Sciences, 1896; Editor of the *Botanical Gazette*, 1875—.

WILLIAM GARDNER HALE, A.B., LL.D., Professor and Head of the Department of Latin.

A.B., Harvard University, 1870; Fellow in Philosophy, Harvard University, 1870-1; Tutor in Latin, Harvard University, 1874-6; Non-resident Fellow of Harvard University in Classics (resident in Leipzig and Göttingen), 1876-7; Tutor in Latin, Harvard University, 1877-80; Professor of the Latin Language and Literature, Cornell University, 1880-92; Associate Editor of the *Classical Review*; formerly Honorary Editor of the *American Journal of Archaeology*; formerly Joint Editor of the *Cornell University Studies in Classical Philology*; Corresponding Member of the German Archaeological Institute of Berlin, Athens, and Rome; President of the American Philological Association for 1892-3; LL.D., Union College, Schenectady, 1886, and Princeton University, 1896; Director of the American School of Classical Studies in Rome, 1895-6; Chairman of the Managing Committee of the same, 1895-9.

CHARLES RICHMOND HENDERSON, A.M., Ph.D., D.D., Professor of Sociology and Head of the Department of Ecclesiastical Sociology; University Chaplain.

A.B., Old University of Chicago, 1870; A.M., *ibid.*, 1873; D.B., Baptist Union Theological Seminary, 1873; Pastor, Terre Haute, Ind., 1873-82, and Detroit, Mich., 1883-92; D.D., Baptist Union Theological Seminary, 1883; Assistant Professor of Sociology, and University Recorder, the University of Chicago, 1892-4; Associate Professor of Sociology, *ibid.*, 1894-7; Ph.D., University of Leipzig, 1901.

SHERBURNE WESLEY BURNHAM, A.M., Professor of Practical Astronomy, and Astronomer in the Yerkes Observatory.

Astronomer in Chicago, Private Observatory, 1870-7; A.M., Yale University, 1878; Observer at the Dearborn Observatory, Chicago, 1877-81, 1882-4; Observer at the Washburn Observatory, Madison, Wis., 1881-2; Expert Commissioner chosen by the Trustees of the Estate of James Lick to test the seeing on Mt. Hamilton, Cal. (resulting in the location of the Lick Observatory), 1879; Astronomer at the Lick Observatory, 1888-92; Gold Medal of the Royal Astronomical Society, 1894; Associate of the Royal Astronomical Society, 1898; Lalande prize in Astronomy, Paris Academy of Science, 1904.

CHARLES CHANDLER, A.M., Professor of Latin.

A.B., University of Michigan, 1871, and A.M., *ibid.*, 1874; Teacher of Languages, Pontiac (Mich.) High School, 1871-4; Tutor in Academy and Instructor in Latin, Denison University, 1874-6; Professor of Latin Language and Literature, Denison University, 1876-91.

EMIL GUSTAV HIRSCH, A.M., LL.D., Lit.D., D.D., Professor of Rabbinical Literature and Philosophy.

A.B., University of Pennsylvania, 1872, and A.M., *ibid.*, 1875; Student, University of Berlin, 1872-6; Alumnus of Hochschule für die Wissenschaft des Judentums, 1872-6; student, Leipzig, 1876; Rabbi, 1877; LL.D., Austin College, 1896; Minister of Har Sinai Congregation, Baltimore, Md., 1877; of Adath-Israel Congregation, Louisville, Ky., 1878; of Sinai Congregation, Chicago, 1880—; Editor of the *Zeitgeist*, Milwaukee, 1880-7; of the *Reformer*, New York, 1886; of *The Reform Advocate*, Chicago; Lit.D., Western University of Pennsylvania, 1900; D.D., Hebrew Union College, Cincinnati, O., 1901; Trumbull Lecturer, the Johns Hopkins University, 1902.

HENRIK GUNDERSEN, A.M., D.B., Professor (in the Dano-Norwegian Theological Seminary) of Systematic Theology, New Testament Interpreta-

tion and Biblical Literature, and Dean of the Seminary.

Morgan Park.

Graduate of Tromsø Academy, Norway, 1872; and Bethel Theological Seminary, Stockholm, Sweden, 1884; *Examen Artium*, Christiania University, Norway, 1886; Pastor, Trondhjem, Norway, 1886-7; Graduate Christiania University with degree *Candidatus Philosophiæ* (A.M.), 1888; Professor of Greek and New Testament Interpretation in the Dano-Norwegian Department of the Baptist Union Theological Seminary, 1888-92; D.B. (Honorary), Baptist Union Theological Seminary, 1889; Assistant Professor of New Testament Interpretation and Biblical Literature, the University of Chicago, 1892-5.

SAMUEL WENDELL WILLISTON, M.D., Ph.D., Professor of Paleontology.

S.B., Kansas Agricultural College, 1872; A.M., *ibid.*, 1875; M.D., Yale University, 1880; Ph.D., *ibid.*, 1885; Civil Engineer and student of Medicine, 1872-5; student, University of Iowa, 1875-6; Assistant in Paleontology and Osteology, Yale University, 1876-1885; Assistant paleontologist, U. S. Geological Survey, 1882-5; Editor *Science*, 1885-6; Demonstrator of Anatomy, Yale University, 1886-7; Professor of Anatomy, *ibid.*, 1887-90; Health Officer City of New Haven, 1888-90; Professor of Historical Geology and Anatomy, and Dean of the Medical School, University of Kansas, 1890-1902; Member Kansas State Board of Health, and of Kansas Board of Medical Examination, 1896-1902; President Kansas Academy of Science, 1897; President Honorary Scientific Society of the Sigma Xi, 1901-5.

JAMES LAURENCE LAUGHLIN, Ph.D., Professor and Head of the Department of Political Economy.

A.B., Harvard University, 1873; A.M. and Ph.D., Harvard University, 1876; Master in Private Classical School, 1878-83; Instructor in Political Economy, Harvard University, 1878-83; Assistant Professor in Political Economy, Harvard University, 1883-5; Secretary and President of the Philadelphia Manufacturers' Mutual Fire Insurance Co., 1885-90; Professor of Political Economy and Finance, Cornell University, 1890-2; Editor of the *Journal of Political Economy*.

ALBERT ABRAHAM MICHELSON, Ph.D., Sc.D., LL.D., F.R.S., Professor and Head of the Department of Physics.

Midshipman, U. S. Naval Academy, 1873; Instructor in Physics and Chemistry, U. S. Naval Academy, 1875-9; Nautical Almanac Office, Washington, 1880; University of Berlin, 1880; University of Heidelberg, 1881; Collège de France, Ecole Polytechnique, 1882; Professor of Physics, Case School of Applied Science, Cleveland, O., 1883-9; Corresponding Member, British Association for the Advancement of Science, 1884; Associate Fellow of American Academy of Arts and Sciences, 1885; Ph.D. (Honorary), Western Reserve University, 1886, and Stevens Institute, 1887; Vice-President, American Association for the Advancement of Science, 1887; Member of National Academy of Sciences, 1888; Rumford Medal, 1889; Professor of Physics, Clark University, 1889-92; Bureau International des Poids et Mesures, 1892-3; Member, Société Française de Physique, 1893; Fellow, Royal Astronomical Society, 1896; Foreign Member, Société Hollandaise des Sciences, 1897; Honorary Member, Cambridge Philosophical Society, 1897; Member (for the United States) of the International Committee of Weights and Measures, 1897; Lowell Lecturer, 1899; Sc.D. (Honorary), Cambridge, 1899; Hon. Member Royal Institution, 1899; Membre correspondant de l'Académie des Sciences, Paris, 1900; Grand Prix, Exposition générale de Paris, 1900; President American Physical Society, 1900; LL.D., Yale University, 1901; Member American Philosophical Society, 1902; Fellow, Royal Society, 1902; Matteucci Medal Soc. Italiana, Rome, 1904; LL.D., Franklin Bicentenary University of Pennsylvania, 1906.

NATHANIEL BUTLER, A.M., D.D., LL.D., Professor of Education; Director of Co-operating Work; Dean of the College of Education.

A.B., Colby University, 1873; Associate Principal, Ferry Hall Female College, Lake Forest, Ill., 1873-6; A.M., Colby University, 1876; D.D., *ibid.*, 1885; LL.D., *ibid.*, 1906; Associate Principal, Highland Hall College for Women, Highland Park, Ill., 1876-9; Master, Yale School for Boys, Chicago, 1879-80; Principal, Highland Hall College for Women, High-

land Park, Ill., 1880-4; Ordained, 1884; Professor of Rhetoric and English Literature in the old University of Chicago, 1884-6; Professor of Latin, University of Illinois, 1886-9; Professor of the English Language and Literature, *ibid.*, 1889-92; Acting Director of the University Extension Division, the University of Chicago, 1893-4; University Extension, Associate Professor of English Literature, and Director of the University Extension Division, 1894-5; President of Colby College, 1896-1901.

FRANK BIGELOW TARBELL, Ph.D., Professor of Classical Archaeology.

A.B., Yale College, 1873; Ph.D., *ibid.*, 1879; Tutor in Greek, *ibid.*, 1876-83; Assistant Professor of Greek and Instructor in Logic, *ibid.*, 1882-7; Annual Director of the American School of Classical Studies at Athens, 1883-9; Instructor in Greek, Harvard University, 1889-92; Secretary of the American School of Classical Studies at Athens, 1892-3; Associate Professor of Greek, the University of Chicago, 1892-4.

OSKAR BOLEA, Ph.D., Professor of Mathematics.

Abiturientexamen, Freiburg, i. B., 1875; Ph.D., Göttingen, 1886; Reader in Mathematics, Johns Hopkins University, 1888-9; Associate in Mathematics, Clark University, 1899-92; Associate Professor of Mathematics, the University of Chicago, 1892-3.

ERNEST DEWITT BURTON, D.D., Professor and Head of the Department of New Testament Literature and Interpretation.

A.B., Denison University, 1876; D.D., *ibid.*, 1897; Instructor in Academy of Kalamazoo College, 1876-7; Graduate, Rochester Theological Seminary, 1882; Instructor in New Testament Greek, Rochester Theological Seminary, 1882-3; Associate Professor of New Testament Interpretation, the Newton Theological Institution, 1883-6; Professor of New Testament Interpretation, the Newton Theological Institution, 1886-92; Professor and Head of the Department of New Testament Literature and Interpretation, the University of Chicago, 1892-.

ALBION WOODBURY SMALL, Ph.D., LL.D., Professor and Head of the Department of Sociology; Dean of the Graduate School of Arts and Literature.

A.B., Colby University, 1876, A.M., *ibid.*, 1879, LL.D., *ibid.*, 1900; Newton Theological Institution, 1876-9; University of Berlin, 1879-80; University of Leipzig, 1880-1; Professor of History and Political Economy, Colby University, 1881-8; Reader in History, Johns Hopkins University, 1888-9; Ph.D., *ibid.*, 1889; President of Colby University, 1889-92; Editor of *The American Journal of Sociology*; Vice-President and Member of Organizing Committee of International Congress of Arts and Science, 1904.

JOSEPH PAXSON IDDIGS, Ph.B., Professor of Petrology.

Ph. B., Sheffield Scientific School (engineering course), 1877; Graduate Student in Chemistry and Mineralogy, *ibid.*, 1877-8; Assistant in Field Surveying and Mechanical Drafting, *ibid.*, 1877-8; Graduate Student in Geology and Assaying, Columbia School of Mines, 1878-9; Microscopical Petrography (under Rosenbusch, University of Heidelberg), 1879-80; Assistant Geologist, U. S. Geological Survey, 1880-8; Geologist, 1888-92; reinstated, 1895; Associate Professor of Petrology, the University of Chicago, 1892-5.

CHARLES REID BARNES, Ph.D., Professor of Plant Physiology; Examiner for Colleges.

A.B., Hanover College, 1877; A.M., *ibid.*, 1880; Ph.D., *ibid.*, 1886; Instructor in Natural History, Purdue University, 1880-2; Professor of Natural History, *ibid.*, 1883-5; Professor of Botany and Geology, *ibid.*, 1885-7; studied at Harvard University, 1878, 1879, 1885-6; Professor of Botany, University of Wisconsin, 1887-98; research at Harvard University, 1901; General Secretary, American Association for the Advancement of Science, 1895-6; Vice-President American Association for the Advancement of Science, 1899; Secretary Botanical Society of America, 1894-8; President Botanical Society of America, 1903-4; Editor *Botanical Gazette*, 1883-.

PAUL SHOREY, Ph.D., LL.D., Professor and Head of the Department of Greek.

A.B., Harvard College, 1878; University of Leipzig, 1881-2; University of Bonn, 1882; American School of Classical Studies, Athens, 1882-3; Ph.D., University of Munich, 1884; Professor of Greek, Bryn Mawr College, 1885-92; Professor of Greek, the University of Chicago, 1892-6; Annual Associate Director of the American School of Classical Studies at Athens, 1901-2; LL.D., Iowa College, 1906.

BENJAMIN TERRY, Ph.D., LL.D., Professor of Medieval and English History.

A.B., Colgate University, 1878; A.M., *ibid.*, 1881; University of Freiburg (in Baden), 1891-2; Ph.D., *ibid.*, 1892; LL.D., Colgate University, 1903; Professor of Civil History, and English Language and Literature, Colgate University, 1895-9; Professor of History and Political Science, *ibid.*, 1899-92; Dean of the Senior Colleges, the University of Chicago, 1895-9.

WILLIAM DARNALL MACCLINTOCK, A.M., Professor of English Literature; Dean of the Junior College of Philosophy (Women).

A.B., Kentucky Wesleyan College, 1878; Graduate Scholar in English, Johns Hopkins University, 1880-2; A.M., Kentucky Wesleyan College, 1882; Professor of English, Wells College, 1889-91; Assistant Professor of English Literature, the University of Chicago, 1892-4; Associate Professor of English Literature, and Dean in the Junior Colleges 1894-1900; Dean of University College, 1900-5.

HENRY HERBERT DONALDSON, Ph.D., Professor and Head of the Department of Neurology.*

A.B., Yale College, 1879; Sheffield Scientific School, 1880; College of Physicians and Surgeons, New York, 1881; Fellow of Johns Hopkins University, 1881-3; Instructor in Biology, *ibid.*, 1883-4; Ph.D., *ibid.*, 1885; Associate in Psychology, *ibid.*, 1887-8; Assistant Professor of Neurology, Clark University, 1890-92; Professor of Neurology, the University of Chicago, 1892-6; Dean of the Ogden (Graduate) School of Science, *ibid.*, 1892-8.

GEORGE BURMAN FOSTER, A.M., Professor of the Philosophy of Religion.

Shelton College, W. Va., 1876-9; A.M., University of West Virginia, 1884; Graduate of Rochester Theological Seminary, 1887; Universities of Göttingen and Berlin, 1891-2; Professor of Philosophy, McMaster University, Toronto, Canada, 1892-5; Associate Professor of Systematic Theology, the University of Chicago, 1895-7.

IRA MAURICE PRICE, Ph.D., LL.D., Professor of the Semitic Languages and Literatures.

A.B., Denison University, 1879; Professor of Greek and Modern Languages, University of Des Moines (now Des Moines College), Iowa, 1879-80; Instructor in French and German, Morgan Park Military Academy, 1880-3; D.B., Baptist Union Theological Seminary, 1882; A.M., Denison University, 1882; LL.D., *ibid.*, 1903; Instructor in Correspondence School of the American Institute of Hebrew, 1882-4; Instructor in Hebrew, Wheaton Theological Seminary, 1882-3; Student, University of Leipzig, 1884-6; Ph.D., *ibid.*, 1886; Instructor in Hebrew and Cognate Languages, Baptist Union Theological Seminary, 1886-8; Professor, *ibid.*, 1888-92; Associate Professor of the Semitic Languages and Literatures, the University of Chicago, 1892-1900; Gay Lectureship, Southern Baptist Theological Seminary, Louisville, Ky., 1906.

FLOYD RUSSELL MECHEM, A.M., Professor of Law.

Admitted to the bar, 1879; practiced law Battle Creek and Detroit, Mich.; engaged in legal authorship; founded Detroit College of Law; Member State Board of Law Examiners; A.M. (Honorary), University of Michigan, 1894; Tappan Professor of Law, *ibid.*, 1892-1903.

HORACE KENT TENNEY, A.B., LL.B., Professor of Law. Student, University of Vermont, 1876-9; A.B., *ibid.*, 1891 (as of

1890); LL.B., University of Wisconsin, 1881; admitted to Wisconsin bar, 1880; practiced law, Chicago, 1881-; Senior Member of Tenney, Coffeen, Harding & Wilkerson; Lecturer upon Practice, the John Marshall Law School; Member of Illinois State Bar Association, the Chicago Bar Association and of the American Bar Association; Professor of Law the University of Chicago, 1902-.

MARION TALBOT, A.M., LL.D., Professor of Household Administration; Dean of Women, and Head of Green House.

A.B., Boston University, 1880, and A.M., *ibid.*, 1882; S.B., Massachusetts Institute of Technology, 1888; Lecturer, Lasell Seminary, 1888-91; Instructor in Domestic Science, Wellesley College, 1890-2; Assistant Professor of Sanitary Science, the University of Chicago, 1892-5; Associate Professor of Sanitary Science, 1895-1904; LL.D., Cornell College, 1904; Associate Professor of Household Administration, 1904-5; Dean of the Junior College of Science (Women), 1905-.

ROLLIN D. SALISBURY, A.M., LL.D., Professor of Geographic Geology and Head of the Department of Geography; Dean of the Ogden (Graduate) School of Science.

Ph.B., Beloit College, 1881, and A.M., 1884; Instructor in Geology and Biology, *ibid.*, 1883-4; Professor of Geology, *ibid.*, 1884-91; Student in Europe (chiefly at Heidelberg), 1887-8; Assistant U. S. Geologist, Glacial Division, 1882-; Geologist in charge of Pleistocene Geology of New Jersey, 1891-; Professor of General and Geographic Geology, University of Wisconsin, 1891-2; Examiner, the University of Chicago, 1895-8; LL.D., Beloit College, 1904.

STARRE WILLARD CUTTING, Ph.D., Professor and Head of the Department of Germanic Languages and Literatures.

A.B., Williams College, 1881; Principal of Deerfield Academy (Mass.), 1881-6; Student in German and French, Universities of Leipzig and Geneva, 1886-8; Professor of Modern Languages, University of South Dakota, 1888-90; Graduate Student in German and French, Johns Hopkins University, 1890-1; Professor of German and French (*locum tenens*) Earlham College, Indiana, 1891-3; A.M., Williams College, 1892, and Ph.D., Johns Hopkins University, 1892; Assistant Professor of German, the University of Chicago, 1892-4; Associate Professor, *ibid.*, 1894-1900; President of the Central Division of the Modern Language Association of America, 1901-2; Professor of German Literature, the University of Chicago, 1900-6.

ERNST FREUND, J.U.D., Ph.D., Professor of Jurisprudence and Public Law.

Gymnasium, Dresden and Frankfurt, to 1881; Student, University of Berlin and University of Heidelberg, 1881-4; J.U.D., University of Heidelberg, 1884; Student, Columbia College Law School, 1884-5; practiced law, New York City, 1886-94; *Locum tenens* Professor of Administrative Law and Municipal Corporations, Columbia College, 1892-3; Instructor in Roman Law and Jurisprudence, the University of Chicago, 1894-5; Assistant Professor, *ibid.*, 1895-1900; Ph.D., Columbia University, 1897; Associate Professor of Jurisprudence and Public Law, the University of Chicago, 1900-2.

FRANK BILLINGS, S.M., M.D., Professor of Medicine.

M.D., Chicago Medical College, 1881; S.M., Northwestern University, 1890; Intern, Cook County Hospital, 1881-2; Student in Vienna, 1885-6; Professor of Medicine, Northwestern University Medical School, 1891-3; Attending Physician to St. Luke's and the Presbyterian Hospitals; President of Chicago Medical Society, 1890; Professor of Medicine, Rush Medical College, 1898-; Dean of Faculty, *ibid.*, 1900-; President of the American Medical Association, 1902-4; President of the Association of American Physicians, 1905-6.

FRANK FROST ABBOTT, Ph.D., Professor of Latin.

A.B., Yale College, 1882; Clark Scholar in Yale College, 1882-3; Clark Scholar and Larned Scholar in Yale College, 1883-4; Tutor in Latin, Yale University, 1885-8; University of Berlin, 1888; University of Bonn, and Rome, 1889; Tutor in Yale University, 1890-1; Ph.D., Yale University, 1891; Associate Pro-

*Resigned.

fessor of Latin, the University of Chicago, 1892-4; Examiner, *ibid.*, 1892-5; Professor of Latin in the American School of Classical Studies in Rome, 1901-2.

ANDREW CUNNINGHAM MCLAUGHLIN, A.M., LL.B.,
Professor and Head of the Department of History.

A.B., University of Michigan, 1883; LL.B., *ibid.*, 1888; A.M., (honorary) *ibid.*, 1895; Teacher of Latin, Muskegon High School, 1883-4; Instructor in Latin, University of Michigan, 1886; Instructor in History, *ibid.*, 1887; Assistant Professor of History, *ibid.*, 1888; Professor of American History, *ibid.*, 1891-1908; Director, Bureau of Historical Research of Carnegie Institution of Washington, 1903-5; Member of the American Historical Association; Corresponding Member of the Massachusetts, Wisconsin, and Missouri Historical Societies; Associate Editor, *American Historical Review*, 1898-; Managing Editor, *American Historical Review*, 1901-5.

JOHN MATTHEWS MANLY, Ph.D., Professor and Head of the Department of English.

A.M., Furman University, 1883, and Harvard University, 1889; Ph.D., Harvard, 1890; Acting Principal, Greer's (S. C.) High School, 1884; Tutor at Palmyra, Va., 1884-5; Assistant in Preparatory Department, William Jewell College, 1886-8; Instructor in Anglo-Saxon, Society for the Collegiate Instruction of Women (now Radcliffe College), Oct. 1890-Feb. 1891; Instructor in Anglo-Saxon, Harvard Summer School, 1891; Acting Assistant Professor of the English Language and Literature, Brown University, January-June, 1891; Associate Professor of the English Language and Literature, *ibid.*, 1891-2; Professor of the English Language, *ibid.*, 1892-8.

GEORGE NEIL INNES STEWART, A.M., D.Sc., M.D., D.P.H., Professor and Head of the Department of Physiology.

M.A., University of Edinburgh, 1883; B.Sc., *ibid.*, 1886; D.Sc., *ibid.*, 1887; M.B., C.M., *ibid.*, 1889; M.D., *ibid.*, 1891; D.P.H., University of Cambridge, 1890; Senior Demonstrator of Physiology, Owens College, Victoria University, Manchester, 1887-9; George Henry Lewes Student, University of Cambridge, 1889-93; Examiner in Physiology, University of Aberdeen, 1890-4; Assistant, Harvard Medical School, 1893-4; Professor of Physiology and Histology, Western Reserve University, Medical School, 1894-1901; Professor of Physiology, *ibid.*, 1901-3.

ELIAKIM HASTINGS MOORE, Ph.D., LL.D., Professor and Head of the Department of Mathematics.

A.B., Yale University, 1883; Ph.D., *ibid.*, 1885; University of Berlin, 1885-6; A.M., Ph.D. (Honorary), University of Göttingen, 1899; Instructor in Mathematics, Preparatory School of Northwestern University, 1886-7; Tutor in Mathematics, Yale University, 1887-9; Assistant Professor of Mathematics, Northwestern University, 1889-91; Associate Professor of Mathematics, Northwestern University, 1891-2; Professor of Mathematics, the University of Chicago, 1892-; Editor of the *Transactions of the American Mathematical Society*, 1899-; President of the American Mathematical Society, 1901-3; Associate Fellow of American Academy of Arts and Sciences, 1901-; Member of National Academy of Sciences, 1901-; LL.D., University of Wisconsin, 1904.

ISAAC BRONSON BURGESS, A.M., Professor of Latin, the Academy for Boys. *Morgan Park.*

Graduate of Phillips (Exeter) Academy, 1880; A.B., Brown University, 1883, and A.M., 1886; Latin Master in Rogers High School, Newport, R. I., 1883-9; Junior Master in Boston Latin School, 1890-92; Acting Dean, Morgan Park Academy, 1892-3; Academy Associate Professor of Latin, 1892-5; Student, Johns Hopkins University, 1897-8.

ROBERT FRANCOIS HARPER, Ph.D., Professor of the Semitic Languages and Literatures; Curator of Assyrian Collections in the Haskell Oriental Museum.

A.B., Old University of Chicago, 1883; Ph.D., University of Leipzig, 1886; Instructor in the Semitic Languages, Yale University, 1887-8, and 1889-91; Assyriologist to the Expedition of the Babylonian Exploration Fund (under the auspices of the

University of Pennsylvania), 1888-9; British Museum, 1891-2; Fellow of the Royal Geographical Society, 1896-; Associate Professor of the Semitic Languages and Literatures, the University of Chicago, 1892-1900; British Museum, 1901-2; Managing Editor, *American Journal of Semitic Languages and Literatures*.

LUDVIG HEKTOEN, M.D., Professor and Head of the Department of Pathology and Bacteriology.

A.B., Luther College, Decorah, Ia., 1883; M.D., College of Physicians and Surgeons, Chicago, 1887; Student in Prague, Berlin, Vienna, and Sweden, 1890, 1894-5, 1896, 1897; Lecturer on Pathology, Rush Medical College, 1890-2; Physician to the Coroner's Office, Chicago, 1890-4; Professor of Pathology, College of Physicians and Surgeons, 1892-4; Professor of Morbid Anatomy, Rush Medical College, 1895-8; Professor of Pathology, *ibid.*, 1898-; President of Chicago Pathological Society, 1898-1902; Pathologist to the Cook County Hospital, 1889-1903; Director Memorial Institute for Infectious Diseases, Chicago, 1902-; Editor *Journal of Infectious Diseases*, Chicago, 1904-.

JOHN ULRIC NEF, Ph.D., Professor and Head of the Department of Chemistry.

A.B., Harvard University, 1884; Kirkland Fellow, Harvard University, 1884-7; Ph.D., University of Munich, 1886; Professor of Chemistry and Director of the Chemical Laboratory, Purdue University, 1887-9; Assistant Professor of Chemistry, and Acting Head of the Chemical Laboratory of Clark University, 1889-92; Professor of Chemistry, the University of Chicago, 1892-6; Fellow, American Academy of Arts and Sciences, 1891; Member, Royal Society of Sciences, Upsala, 1903; Member, National Academy of Sciences, 1904.

SHAILER MATHEWS, D.D., Professor of Systematic Theology; Junior Dean of the Divinity School.

A.B., Colby College, 1884; A.M., *ibid.*, 1887; D.D., *ibid.*, 1901; Newton Theological Institution, 1884-7; Associate Professor of Rhetoric, Colby College, 1887-9; Lecturer in New Testament Department, Newton Theological Institution, 1889-90; University of Berlin, 1890-1; Professor of History and Political Economy, Colby College, 1889-94; Associate Professor of New Testament History and Interpretation, the University of Chicago, 1894-7; Professor of New Testament History and Interpretation, *ibid.*, 1897-1906; Editor, *The World To-Day*.

JAMES HAYDEN TUFTS, Ph.D., LL.D., Professor and Head of the Department of Philosophy.

A.B., Amherst College, 1884; D.B., Yale University, 1889; Instructor in Mathematics, Amherst College, 1886-7; A.M., Amherst College, 1890; Instructor in Philosophy, University of Michigan, 1890-91; Student in Freiburg and Berlin, 1891-2; Ph.D., Freiburg (Baden), 1892; Assistant Professor of Philosophy, the University of Chicago, 1892-4; Associate Professor of Philosophy, *ibid.*, 1894-1900; LL.D., Amherst College, 1904; Dean of the Senior Colleges, 1899-1904.

JAMES RICHARD JEWETT, Ph.D., Professor of the Arabic Language and Literature.

A.B., Harvard University, 1884; Student in Syria and Egypt (as holder of Fellowship from Harvard University) 1884-7; Instructor in Semitic Languages, Harvard University, 1887-8; Student in Europe (chiefly Germany), 1888-90; Ph.D., University of Strassburg, 1890; Instructor in Brown University, 1890-1; Associate Professor of Semitic Languages and Oriental History, *ibid.*, 1891-5; Professor of Semitic Languages and History, University of Minnesota, 1895-1902; abroad (chiefly in Syria), 1900-1.

WILBUR SAMUEL JACKMAN, A.B., Professor of the Teaching of Natural Science, the School of Education; Principal of the University Elementary School.

Graduate, State Normal School, California, Pa., 1877; A.B., Harvard University, 1884; taught, district schools, Pennsylvania, 1875-6; State Normal School, California, Pa., 1877-81; Central High School, Pittsburg, Pa., 1884-9; Cook County Normal School, 1889-96; visited schools in England, France, and Germany, 1899-1900; Dean, and Head of the Department of Natural Science, Chicago Institute, 1900-1;

Dean of the College of Education, 1901-4; Principal of the University Elementary School, 1904—; Editor, *Elementary School Teacher*, 1904—.

EDWIN ERLE SPARKS, A.M., Ph.D., Professor of American History; Dean of University College; Curator of the Historical Museum.

A.B., Ohio State University, 1884, and A.M., 1889; Graduate Student, Harvard University, 1892; Ph.D., the University of Chicago, 1900; Assistant in History, Ohio State University, 1884-5; Principal Preparatory Department, and Teacher of History, Pennsylvania State College, 1890-5; Lecturer in American History, American Society for the Extension of University Teaching, Philadelphia, 1892-5; Lecturer, the University of Chicago, 1895-6; Instructor in American History, *ibid.*, 1896-7; Assistant Professor, *ibid.*, 1897-1901; Associate Professor, *ibid.*, 1901-4.

GEORGE EDGAR VINOENT, Ph.D., Professor of Sociology; Dean of the Junior Colleges.

A.B., 1885, Yale University; editorial work, 1885-6; in Europe and the East, 1886-7; Literary Editor, Chautauqua Press, 1886; Vice-Principal, Chautauqua System, 1888—; Fellow in Sociology, the University of Chicago, 1892-4; Assistant in Sociology, *ibid.*, 1894-5; Instructor in Sociology, *ibid.*, 1895-6; Assistant Professor, *ibid.*, 1896-1900; Ph.D., *ibid.*, 1896; Principal of Chautauqua, 1899—; Associate Professor of Sociology, the University of Chicago, 1900-4.

EDWIN BRANT FROST, A.M., Professor of Astrophysics, and Director of the Yerkes Observatory.

Williams Bay, Wis.

A.B., Dartmouth College, 1886, and A.M., *ibid.*, 1889; Instructor in Physics and Astronomy in the Scientific Department, Dartmouth College, 1887-90; University of Straassburg, 1890-1; Volunteer and Assistant in Royal Astrophysical Observatory, Potsdam, 1891-3; Assistant Professor of Astronomy and Director of the Observatory, Dartmouth College, 1892-5; Professor of Astronomy, *ibid.*, 1895-8; Non-Resident Instructor in Astronomy, *ibid.*, 1898-1902; Editor of the *Astrophysical Journal*.

CARL DARLING BUCK, Ph.D., Professor and Head of the Department of Sanskrit and Indo-European Comparative Philology.

A.B., Yale University, 1886; Member of American School of Classical Studies at Athens, 1887-8, and 1888-9; Ph.D., Yale University, 1889; Student in German Universities, chiefly in Leipzig, 1889-92; Assistant Professor of Sanskrit and Indo-European Comparative Philology, the University of Chicago, 1892-4; Associate Professor, *ibid.*, 1894-1900; Professor, *ibid.*, 1900-3.

ALEXANDER SMITH, Ph.D., Professor of Chemistry and Director of General and Physical Chemistry; Dean in the Junior Colleges.

S.B., University of Edinburgh, 1886; Ph.D., University of Munich, 1889; Assistant in Chemistry, University of Edinburgh, 1889-90; Professor of Chemistry and Mineralogy, Wabash College, 1890-4; Assistant Professor, the University of Chicago, 1894-8; Associate Professor, *ibid.*, 1898-1903.

JULIUS STIEGLITZ, Ph.D., Professor of Chemistry.

Abiturienten Examen, Realgymnasium, Karlsruhe, Germany, 1886; A.M. and Ph.D., University of Berlin, 1889; University Scholar, Clark University, 1890; Chemical Laboratory, Detroit, Mich., 1890-2; Docent in Chemistry, the University of Chicago, 1892-3; Assistant, *ibid.*, 1893-4; Instructor in Chemistry, *ibid.*, 1894-7; Assistant Professor, *ibid.*, 1897-1902; Associate Professor, *ibid.*, 1902-3.

EDWARD EMERSON BARNARD, A.M., Sc.D., Professor of Practical Astronomy, and Astronomer in the Yerkes Observatory.

Graduate of School of Mathematics, Vanderbilt University, Nashville, Tenn., 1887; A.M. (*honoris causa*), University of the Pacific at Santa Clara, Cal., 1889; Sc.D., Vanderbilt University, 1889; in charge of Observatory of Vanderbilt University, 1888-7; Astronomer in the Lick Observatory, 1887-95.

GEORGE LINCOLN HENDRICKSON, A.B., L.H.D., Professor of Latin.

A.B., Johns Hopkins University, 1887; Graduate Student of the Johns Hopkins University, 1887-8; Student at the University of Bonn, 1888-9; University of Berlin, 1889; Professor of Latin, Colorado College, 1889-91; Professor of Latin, University of Wisconsin, 1891-6; L.H.D., Western Reserve University, 1902.

EDWARD CAPPS, Ph.D., Professor of Greek; Dean of the Junior College of Arts (Men).

A.B., Illinois College, 1887; Instructor in Latin and Greek in Illinois College, 1887-8; Instructor in Latin, Yale University, 1890-1; Ph.D., Yale University, 1891; Tutor in Latin, Yale University, 1891-2; American School at Athens, 1893-4; Germany, 1894-5; Assistant Professor of Greek, the University of Chicago, 1892-6; Dean of the Junior Colleges, *ibid.*, 1896-9; Associate Professor, *ibid.*, 1896-1900; Dean of the Junior College of Arts (Men), *ibid.*, 1905-6.

CHARLES ZUEBLIN, Ph.B., D.B., Professor of Sociology.

Ph.B., Northwestern University, 1887; D.B., Yale University, 1889; Student at University of Leipzig, 1889-91; Secretary, Chicago Society for University Extension, 1892; Secretary of Class work in the University Extension Division of the University of Chicago, 1892-3; and Secretary of Lecture-Study, *ibid.*, 1894; University Extension Instructor, *ibid.*, 1892-5; University Extension Assistant Professor, *ibid.*, 1895-6; Associate Professor of Sociology, *ibid.*, 1896-1902.

JULIAN WILLIAM MAOK, LL.B., Professor of Law.

LL.B., Harvard University, 1887; Parker Fellowship, *ibid.*, 1887-90; Student, Universities of Berlin and Leipzig, 1887-90; admitted Ohio State and Federal Bar, 1890; practiced law, Chicago, November 1890—; admitted Supreme Court of United States Bar, 1896; Professor of Law, Northwestern University, 1896-1902; Professor of Law, the University of Chicago, 1902—; Judge of Circuit Court, Cook Co., Ill., 1903—.

AMOS ALONZO STAGG, A.B., Professor and Director of the Division of Physical Culture.

A.B., Yale University, 1888; Instructor in the Practice and Theory of Training at the International Y. M. C. A. Training School at Springfield, Mass., in 1891; Director of Athletics at Northfield College Students' Conference, summers of 1889-91; Director of Athletics at Lake Geneva College Students' Conference, 1890-91; Associate Professor and Director of the Division of Physical Culture, the University of Chicago, 1892-1900.

JAMES HENRY BREASTED, Ph.D., Professor of Egyptology and Oriental History; Director of Haskell Oriental Museum; Director of the Egyptian Expedition of the University of Chicago.

A.B., Northwestern College, 1888; Chicago Theological Seminary, 1888-90; Graduate Student, Yale University, 1890-1; A.M., *ibid.*, 1891; Non-resident Fellow, the University of Chicago, 1892-4; University of Berlin and Royal Museum, 1891-4; A.M. and Ph.D., University of Berlin, 1894; collecting for the University of Chicago in Egypt, 1894-5; Assistant in Egyptology, the University of Chicago, 1894-6; Assistant Director of Haskell Oriental Museum, 1896-1901; Instructor in Egyptology and Semitic Languages, *ibid.*, 1896-8; Assistant Professor, *ibid.*, 1898-1902; Thomas Museum Lectureship, Richmond College, 1898; Honorary D.B., Chicago Theological Seminary, 1898; Collaborator on Egyptian Lexicon of Royal Academies of Germany, at Berlin, 1899-1900; on Mission to the Oriental Museums of Europe, for the Egyptian Lexicon Commission, 1900-1.

GEORGE WILLIAM MYERS, Ph.D., Professor of the Teaching of Mathematics and Astronomy, the School of Education.

B.L., University of Illinois, 1888; M.L., *ibid.*, 1891; Ph.D., Ludwig Maximilians Universität München, 1896; Instructor in Mathematics, University of Illinois, 1888-90; Assistant Professor of Mathematics, *ibid.*, 1890-5; Associate Professor of Mathematics, *ibid.*, 1895-6; Associate Professor of Astronomy and Mathematics, and Director of Observatory,

ibid., 1896-7; Professor of Astronomy and Applied Mathematics, and Director of Observatory, *ibid.*, 1897-1900; Head of Astronomy and Mathematics, Chicago Institute, 1900-1; Life Member Astronomische Gesellschaft; American Mathematical Society; Société Belge d'Astronomie; Société Astronomique du République Française; Fellow of American Association for the Advancement of Science; Member Astronomical and Astrophysical Society of America; Hon. Member Sociedad Astronomica de Mexico; Hon. Member Scandinavian Technical Society of Chicago; Mathematical Editor *School Science and Mathematics*.

GEORGE ELLERY HALE, S.B., Sc.D., LL.D., Non-Resident Professor of Astrophysics.

Pasadena, Cal.

Harvard College Observatory, 1889-90; S.B., Massachusetts Institute of Technology, 1890; Director of the Kenwood Astrophysical Observatory, 1890-6; Lecturer in Astrophysics, Beloit College, 1893-1904; University of Berlin, 1893-4; Sc.D. (Honorary), Western University of Pennsylvania, 1897; Sc.D., Yale University, 1905; Associate Professor of Astrophysics, the University of Chicago, 1892-7; Editor of the *Astrophysical Journal*; LL.D., Beloit College, 1904; Director of the Solar Observatory of the Carnegie Institution of Washington, Mt. Wilson, Cal., 1905-.

JAMES ROWLAND ANGELL, A.M., Professor and Head of the Department of Psychology; Director of the Psychological Laboratory.

A.B., University of Michigan, 1890; A.M., *ibid.*, 1891; Graduate Student, Harvard University, 1891-2; Universities of Berlin and Halle, 1892-3; Instructor in Experimental Psychology, University of Minnesota, 1893-4; Assistant Professor of Experimental Psychology, the University of Chicago, 1894-1901; Associate Professor, *ibid.*, 1901-4.

ROBERT HERRICK, A.B., Professor of English.

A.B., Harvard University, 1890; Instructor in Rhetoric, Massachusetts Institute of Technology, Boston, Mass., 1890-3; Instructor in Rhetoric, the University of Chicago, 1896-5; Assistant Professor, *ibid.*, 1896-1901; Associate Professor, *ibid.*, 1901-5.

FRANKLIN WINSLOW JOHNSON, A.M., Principal of the Academy of the University, for Boys.

Morgan Park.

A.B., Colby University, 1891; A.M., *ibid.*, 1894; Principal, High School, Calais, Me., 1891-4; Principal, Coburn Classical Institute, Waterville, Me., 1894-1905.

THEODORE GERALD SOARES, A.M., Ph.D., D.D., Professor of Homiletics.

A.B., University of Minnesota, 1891; Fellow in History, *ibid.*, 1891-2; A.M., *ibid.*, 1892; Fellow in Comparative Religion, the University of Chicago, 1892-4; Ph.D., *ibid.*, 1894; D.B., *ibid.*, 1897; D.D., Knox College, 1901; Pastor, Rockford, Ill., 1894-9; Galesburg, Ill., 1899-1902; Oak Park, Ill., 1902-5; University Extension Lecturer in Biblical Literature, the University of Chicago, 1899-1905; Professor of Homiletics, *ibid.*, 1906-.

ALBERT PRESCOTT MATHEWS, Ph.D., Professor of Physiological Chemistry.

S.B., Massachusetts Institute of Technology, 1892; Assistant in Biology, *ibid.*, 1892-3; Fellow in Biology, Columbia University, 1893-5; Student in Cambridge, England, and Marburg, Germany, 1895-7; Occupant of Columbia University Table, Naples Zoological Station, 1896; Honorary Fellow, Columbia University, 1897-8; Ph.D., *ibid.*, 1898; Assistant in Physiology, Harvard Medical School; Instructor in Physiology, Tufts College Medical School, 1898-9; Assistant Professor of Physiology, *ibid.*, 1899-1900; Instructor in Physiology, Harvard Medical School, 1900-1; Assistant Professor of Physiological Chemistry, the University of Chicago, 1901-4; Associate Professor, *ibid.*, 1904-5; Professor, *ibid.*, 1905-.

CLARK BUTLER WHITTIER, A.B., LL.B., Professor of Law.

A.B., Leland Stanford Jr. University, 1893; LL.B., Harvard University, 1896; practiced law, Los Angeles, Cal., 1896-6; Graduate Student, Leland Stanford Jr. University, 1896-7;

Instructor in Law, *ibid.*, 1897-9; Assistant Professor of Law, *ibid.*, 1899-1900; Associate Professor of Law, *ibid.*, 1900-2.

JAMES PARKER HALL, A.B., LL.B., Professor of Law; Dean of the Law School.

A.B., Cornell University, 1894; LL.B., Harvard University, 1897; practiced law, Buffalo, N. Y., 1897-1900; Lecturer on Constitutional Law and Real Property, Buffalo Law School, 1898-1900; Associate Professor of Law, Leland Stanford Jr. University, 1900-2; Professor of Law, University of Chicago, 1902-; Dean of the Law School, *ibid.*, 1904-.

ELLA FLAGG YOUNG, Ph.D., Professor of Education.*

Ph.D., the University of Chicago, 1900; Teacher and Head Assistant, Grammar Schools, Chicago, 1862-5; Principal, School of Practice, 1865-71; Teacher, Central High School, 1871-2; Teacher of Mathematics and Methods, Normal School, 1872-6; Principal, Grammar Schools, 1876-87; District Superintendent of Schools, Chicago, 1887-99; Associate Professorial Lecturer in Education, the University of Chicago, 1899-1900; Associate Professor, *ibid.*, 1900-1; Professor of Education, *ibid.*, 1901-4.

CHARLES KENNETH LEITH, Ph.D., Non-resident Professor of Structural and Metamorphic Geology.

S.B., University of Wisconsin, 1897; Ph.D., *ibid.*, 1901; Assistant Professor of Geology, *ibid.*, 1901-2; Professor of Geology, *ibid.*, 1903-; Assistant Geologist, United States Geological Survey, 1901-.

JAMES NEVINS HYDE, A.M., M.D., Professorial Lecturer on Dermatology.

Andover, Phillips Academy, 1857; A.B., Yale University, 1861; A.M., *ibid.*, 1864; M.D., University of Pennsylvania, 1869; *Ad eundem* M.D., Rush Medical College, 1879; Assistant Surgeon United States Navy, 1863-7; Passed Assistant Surgeon United States Navy, 1867-9; Lecturer on Skin and Venereal Diseases, Rush Medical College, 1873-6; Professor of Dermatology, Medical Department of Northwestern University, 1876-8; Professor of Skin, Venereal, and Genito-Urinary Diseases, Rush Medical College, 1879-; President of the American Dermatological Association, 1881 and 1896; Member of the International Congresses of Dermatology, 1889-1904; Secretary of the Council of Administration and of the Faculty of Rush Medical College; Corresponding Member of the French, 1900, the Berlin, 1903, and the Vienna, 1904, Dermatological Societies; Secretary for America of the Vth International Dermatological Congress.

ALONZO KETCHAM PARKER, D.D., Professorial Lecturer on Modern Missions in the Divinity School; University Recorder; and Head of Hitchcock House.

A.B., University of Rochester, 1866; Graduate, Rochester Theological Seminary, 1870; Pastor, Amenia, N. Y., 1871-9; Pastor, Chicago, 1879-1901; D.D., Baptist Union Theological Seminary, 1885; Member Board of Trustees, the University of Chicago, 1891-1901.

HENRY VARNUM FREEMAN, A.B., A.M., Professorial Lecturer on Legal Ethics.

A.B., Yale University, 1869; A.M., *ibid.*, 1874; Judge of the Superior Court, Cook County, Ill., 1893; Presiding Justice of the Branch Appellate Court, First District of Illinois, 1898-; Professorial Lecturer on Medical Jurisprudence, Rush Medical College, 1896-.

GRAHAM TAYLOR, D.D., LL.D., Professorial Lecturer on Sociology.

A.B., 1870, A.M., 1883, Rutgers College; D.D., *ibid.*, 1888; LL.D., Illinois College, 1897.

CHARLES EDWARD KREMER, Professorial Lecturer on Admiralty Law.

Admitted to the Bar of the Supreme Court of Wisconsin, 1874; of Illinois, 1875; Supreme Court of the United States, 1883; Lecturer in Chicago College of Law on Maritime Law and Admiralty, 1893-.

*Resigned.

CHARLES FREDERICK MILLSAUGH, M.D., Professorial Lecturer on Botany.

Cornell University, N. Y., 1872-4; N. Y. Hom. Med. College, 1881; Lecturer on Botany, Binghamton (N. Y.) Institute, 1884-5; Professor of Botany, (W. Va.) State University, Experiment Station, 1890-2; Curator Department of Botany, Field Columbian Museum, 1893-; Professor of Medical Botany, Hahnemann Medical College, Chicago, 1896-.

EPHRAIM FLETCHER INGALS, A.M., M.D., Professorial Lecturer on Medicine.

M.D., Rush Medical College, 1871; A.M., (Old) University of Chicago, 1879; Assistant Professor of Materia Medica, Rush Medical College, 1871-3; Lecturer on Diseases of the Chest and Physical Diagnosis, *ibid.*, Spring Course, 1874-83; Professor of Laryngology, *ibid.*, 1883-90; Professor of Laryngology and Practice of Medicine, *ibid.*, 1890-8; Professor of Laryngology, and Diseases of the Chest, *ibid.*, 1898-8; Registrar, *ibid.*, 1891-8; Professor of Laryngology and Rhinology, Chicago Polyclinic, 1890-; Professor of Diseases of the Throat and Chest, Northwestern Woman's Medical School, 1879-98; Professor of Diseases of the Chest, Throat, and Nose, and Comptroller, Rush Medical College, 1896-; ex-President of American Laryngological Association; ex-President of Illinois State Medical Society; ex-President of American Climatological Association; ex-President Chicago Laryngological and Climatological Society.

WALTER STANLEY HAINES, A.M., M.D., Professorial Lecturer on Toxicology.

Student at the Massachusetts Institute of Technology, 1869-72; M.D., Chicago Medical College, 1873; Professor of Chemistry, *ibid.*, 1878; Student in Paris and London, 1875-6; Professor of Chemistry and Toxicology, Rush Medical College, 1876-83; Professor of Chemistry, Pharmacy, and Toxicology, *ibid.*, 1885-; A.M., Monmouth College, 1881.

CHARLES CUTHBERT HALL, D.D., Professorial Lecturer on the *Barrows Lectureship*. New York, N. Y.

A.B., Williams College, 1872; Student in Union Theological Seminary, New York, 1872-4; London and Edinburgh, 1874-5; Pastor of Union Presbyterian Church, Newburgh, N. Y., 1875-7; First Presbyterian Church, Brooklyn, N. Y., 1877-97; D.D., University of the City of New York, 1890; of Harvard University, 1897; of Yale University, Bicentennial, 1901; LL.D., Union University, 1905; Carew Lecturer, Hartford Theological Seminary, 1895; Barrows Lecturer in India, 1902-3; Haskell Lecturer, the University of Chicago, 1903; Hyde Lecturer, Andover Seminary, 1903; Cole Lecturer, Vanderbilt University, 1905; William Belden Noble Lecturer, Harvard University, 1906; Barrows Lecturer in India (second appointment), the University of Chicago, 1906-7; President and Professor of Homiletics, Union Theological Seminary, New York, N. Y., 1897-.

ARTHUR DEAN BEVAN, M.D., Professorial Lecturer on Surgery.

Sheffield School, Yale University, 1878-9; M.D., Rush Medical College, 1883; United States Marine Hospital Service, 1883-7; Professor of Anatomy in Oregon State University, 1886-7; Professor of Anatomy, Rush Medical College, 1887-99; Professor of Surgical Anatomy and Associate Professor of Surgery, *ibid.*, 1899-1902; Professor of Surgery, *ibid.*, 1902-; President Chicago Medical Society, 1898; Fellow of the American Surgical Society, 1900; Surgeon of Presbyterian Hospital.

FRANCIS WARNER PARKER, A.M., LL.D., Professorial Lecturer on Patent Law.

A.B., Shurtleff College, 1878; A.M., *ibid.*, 1884; LL.D., *ibid.*, 1903; admitted to the bar of the State of Illinois on examination, 1881; Examiner in the Examining Corps of the United States Patent Office, 1882-4; member of the House of the Thirty-fourth, and of the Senate of the Forty-third and Forty-fourth Illinois General Assembly; Counsellor at Law, Chicago.

FRANK FREMONT REED, A.B., Professorial Lecturer on Copyright and Trade Marks.

A.B., University of Michigan, 1880; Lecturer on Trade Marks and Copyrights, Law School, *ibid.*, 1894-; Counsellor at Law, Chicago.

JOHN MILTON DODSON, A.M., M.D., Professorial Lecturer on Medicine; Dean of Medical Students.

A.B., University of Wisconsin, 1880; A.M. (in course), *ibid.*, 1883; M.D., Rush Medical College, 1882, and Jefferson Medical College, 1883; Lecturer on Anatomy and Demonstrator, Rush Medical College, 1889-93; Professor of Physiology and Demonstrator of Anatomy, *ibid.*, 1893-4; Professor of Physiology and Histology, *ibid.*, 1894-1900; Professor of Medicine, *ibid.*, 1900-; Junior Dean, *ibid.*, 1898-9; Dean, *ibid.*, 1899-; Professor of Diseases of Children, Northwestern University Woman's Medical School, 1893-7.

JOHN CLARENCE WEBSTER, Professorial Lecturer on Obstetrics and Gynecology.

A.B., Mt. Allison University College, New Brunswick, 1882; Bachelor of Medicine, Master in Surgery, Edinburgh University, 1888; M.D., *ibid.*, 1891; M.R.C.P., *ibid.*, 1892; F.R.C.P., *ibid.*, 1893; F.R.S., *ibid.*, 1895; post-graduate study in Leipzig, Berlin, Paris; First Assistant to Professor of Obstetrics and Gynecology, Edinburgh University, 1890-6; Lecturer on Gynecology, McGill University, 1897-9; Professor of Obstetrics and Gynecology, Rush Medical College, 1899-.

JOHN MAXOY ZANE, Professorial Lecturer on Mining and Irrigation Law.

A.B., University of Michigan, 1884; admitted to the bar, 1888; Assistant United States Attorney of Utah, 1889-93; Reporter of the Supreme Court of Utah, 1889-94; practiced law, Salt Lake City, 1890-99; Member of the law firm of Shope, Mathis, Zane & Weber, Chicago, 1890-.

ERNEST R. DEWSNUP, M.A., Professorial Lecturer on Railways, and Curator of the Museum of Commerce.

B.A., Victoria University, Manchester, 1896, and M.A., 1900; Warburton Essay Prize, 1902, and Stanley Jevons student in Economic Research, 1903, Victoria University of Manchester; Fellow of the Royal Geographical Society, 1900-; Fellow of the Royal Statistical Society, 1900-; Student in Paris, 1902; Professor of Economics and Head of the Department of Higher Commercial Education, Technical College of Huddersfield (England); Lecturer in Railway Transportation, University of Manchester, 1903-4.

DANIEL GIRAUD ELLIOT, F.R.S.E., Professorial Lecturer on Zoology.

Curator of Zoology, Field Museum of Natural History, Chicago, 1894-.

CHARLES EDMUND HEWITT, D.D., Student Secretary in the Divinity School.

A.B., University of Rochester, 1890; Graduate of Rochester Theological Seminary, 1893; A.M., University of Rochester, 1893; Pastor, Ypsilanti, Michigan, 1893-8; Pastor, Bloomington, Ill., 1898-76; D.D., Shurtleff College, 1871; Pastor, Centennial Church, Chicago, 1877-9; Pastor, Peoria, Ill., 1890-9; Secretary, Northwestern Baptist Education Society, 1899-; Student Secretary, Baptist Theological Union, 1899-.

FRANCIS ADELBERT BLACKBURN, Ph.D., Associate Professor of the English Language.

A.B., University of Michigan, 1868; A.M., *ibid.*, 1871; Teacher, Military Academy, Oakland, Cal., 1868-9; Graduate Student, University of Michigan, 1869-70; Professor of Ancient Languages, Albion College, Mich., 1870-1; Instructor in Latin, University of Michigan, 1871-5; Student, University of Leipzig, 1875-6; Principal, High School, Pontiac, Mich., 1876-7; Teacher of Ancient Languages, High School, San Francisco, Cal., 1877-81; Principal of High School, *ibid.*, 1881-6; Teacher of Classics and English, Belmont School, Cal., 1886-9; Ph.D., University of Leipzig, 1892; Assistant Professor of the English Language, the University of Chicago, 1892-6.

HEINRICH MASCHKE, Ph.D., Associate Professor of Mathematics.

Universities of Heidelberg, Breslau, Berlin, and Göttingen, 1872-80; Ph.D., University of Göttingen, 1880; Professor of Mathematics in the Luisenstädtische Gymnasium at Berlin,

1890-90; Assistant Professor of Mathematics and Physics, the University of Chicago, 1892-6.

JOHN WILDMAN MONORIEF, A.M., D.D., Associate Professor of Church History.

A.B., Denison University, 1873; Tutor in History and Greek, Franklin College, 1873-5; Student, University of Leipzig, 1875-6; A.M., Franklin College, 1876; Professor of Greek, Franklin College, 1876-9; Principal of Preparatory Department, Denison University, 1879-81; Professor of History, Franklin College, 1881-94; Assistant Professor of Church History, the University of Chicago, 1894-7; D.D., Denison University, 1904.

OLIVER JOSEPH THATCHER, Ph.D., Associate Professor of Mediæval and English History.

A.B., Wilmington College, 1878; Ph.D., *ibid.*, 1894; Union Theological Seminary, 1882-5; Fellow, *ibid.*, and Student in Berlin, 1885-7; Member of the American School of Classical Studies at Athens, 1887-8; Student at Marburg, 1888; Instructor in Ecclesiastical History, United Presbyterian Theological Seminary, 1888-90; Professor, *ibid.*, 1890-2; University Extension Instructor in History, the University of Chicago, 1892-3; Assistant Professor, *ibid.*, 1893-4; in Europe, 1895-6, 1898-9, 1901-2.

FRANK JUSTUS MILLER, Ph.D., Associate Professor of Latin; Examiner for Secondary Schools.

A.B., Denison University, 1879; Professor of Latin, Clinton College, 1880-1; A.M., Denison University, 1882; Vice Principal, High School, Plainfield, N. J., 1881-7; Instructor in Latin, Worcester Academy, Mass., 1887-90; Ph.D., Yale University, 1892; Instructor in Latin, the University of Chicago, 1892-4; Assistant Examiner, *ibid.*, 1892-6; Examiner of Affiliations, *ibid.*, 1896-8; Assistant Professor of Latin, *ibid.*, 1894-1901; abroad, 1892-3; Dean of Affiliations, 1898-1904.

KARL PIETSCH, Ph.D., Associate Professor of Romance Philology.

University of Berlin, 1879-82; Florence (Italy), 1882-4; University of Halle, 1886-7; Ph.D., University of Halle, 1887; Assistant Librarian, Newberry Library, Chicago, 1890-6; Instructor in Romance Languages, the University of Chicago, 1896-1900; Madrid, 1897, 1901; Assistant Professor, *ibid.*, 1900-1.

CLARENCE FASSETT CASTLE, Ph.D., Associate Professor of Greek on the Edward Olson Foundation.

A.B., Denison University, 1880; Teacher in Public Schools, Hampton, Iowa, 1880-1; Principal of High School, Granville, Ohio, 1881-2; Tutor in Greek and Latin, Denison University, 1882-6; Ph.D., Yale University, 1888; Professor of Greek, Bucknell University, 1888-92; Assistant Professor of Greek, the University of Chicago, 1892-5; in Greece and Germany, 1895; in Germany, 1900-1; Dean in the Junior Colleges, 1896-1905.

ZELLA ALLEN DIXON, A.M., Litt.D., Associate Librarian.

A.B., Mt. Holyoke College, 1880; Assistant Librarian, Columbia College, 1885-6; Library Expert, 1887-8; Librarian of Denison University, 1888-90; Special Student in British Museum, 1891; Librarian of Baptist Union Theological Seminary, 1890-2; A.M., Shepardson College, 1892; Assistant Librarian, the University of Chicago, 1892-3; Special Student in British Museum, 1899; A.M., Denison University, 1902; Litt.D., Shurtleff College, 1906.

MYRA REYNOLDS, Ph.D., Associate Professor of English Literature; Head of Foster House.

A.B., Vassar College, 1880, and A.M., 1892; Instructor in English, Wells College *et al.*, 1880-3; Instructor in English Literature, Vassar College, 1885-92; Fellow in English, the University of Chicago, 1892-4; Assistant in English Literature, *ibid.*, 1894-5; Ph.D., *ibid.*, 1895; Instructor, *ibid.*, 1895-7; Assistant Professor, *ibid.*, 1897-1902.

FREDERICK STARR, Ph.D., Associate Professor of Anthropology; Curator of the Anthropological Section of Walker Museum.

S.B., Lafayette College, 1882; Teacher of Sciences, Wyman Institute, 1882-3; Professor of Sciences, State Normal School, Lock Haven, Pa., 1883-4; S.M., and Ph.D., Lafayette Col-

lege, 1885; Professor of Biological Sciences, Coe College, 1884-7; in charge of Department of Ethnology, American Museum of Natural History, 1889-91; Assistant Professor of Anthropology, the University of Chicago, 1892-5.

FRANCIS WAYLAND SHEPARDSON, Ph.D., LL.D., Associate Professor of American History; Dean of the Senior Colleges.

A.B., Denison University, 1882; A.M., *ibid.*, 1886; A.B., Brown University, 1883; Instructor, Young Ladies' Institute, Granville, O., 1883-7; Editor, *Granville Times*, 1887-90; Graduate Student, Yale University, 1890-2; Ph.D., Yale University, 1892; Docent, the University of Chicago, 1892-3; University Extension Assistant in History, *ibid.*, 1893-5; Instructor in American History, and Secretary of the Lectureship Department of the University Extension Division, *ibid.*, 1895-7; Acting Recorder, 1897-8; Assistant Professor of American History, *ibid.*, 1897-1901; Secretary to the President, *ibid.*, 1897-1904; Dean of the Senior Colleges, 1904—; LL.D., Denison University, 1906.

GEORGE HERBERT MEAD, A.B., Associate Professor of Philosophy.

A.B., Oberlin, 1883; Private Tutor, 1883-7; A.B., Harvard, 1888; Graduate Student of Philosophy, Leipzig and Berlin, 1888-91; Instructor in Philosophy, University of Michigan, 1891-3; Assistant Professor, *ibid.*, 1893-4; Assistant Professor of Philosophy, the University of Chicago, 1894-1902.

WILLIAM ISAAC THOMAS, Ph.D., Associate Professor of Sociology, and Superintendent of Departmental Libraries.

A.B., University of Tennessee, 1884; A.M., *ibid.*, 1885; Instructor in English and Modern Languages, *ibid.*, 1886-7; Adjunct Professor of English and Modern Languages, *ibid.*, 1887-8; Student in Berlin and Göttingen, 1888-9; Professor of English, Oberlin College, 1889-94; Fellow in Sociology, University of Chicago, 1898-4; Professor of Sociology, Oberlin College, 1894-5; Assistant in Sociology, the University of Chicago, 1894-5; Instructor in Sociology, *ibid.*, 1895-6; Ph.D., *ibid.*, 1896; Assistant Professor, *ibid.*, 1896-1900.

FREDERICK IVES CARPENTER, Ph.D., Associate Professor of English.

A.B., Harvard University, 1885; Student in France and Germany, 1885-6; Union College of Law, 1886-7; Graduate Student, the University of Chicago, 1892-3; Honorary Fellow in English, *ibid.*, 1893-4; Ph.D., *ibid.*, 1896; Docent, *ibid.*, 1895-7; Instructor, *ibid.*, 1897-1902; Assistant Professor, *ibid.*, 1902-4.

CAMILLO VON KLENZE, Ph.D., Associate Professor of German Literature.*

A.B., Harvard College, 1886; Teacher of French and German, University School, Chicago, 1886-7; University of Berlin, 1887-9; University of Marburg, 1889-90; Ph.D., University of Marburg, 1890; Instructor, Romance Languages, Cornell University, 1890-1; Instructor, Germanic Languages, Cornell University, 1891-3; Instructor in German, the University of Chicago, 1893-6; Assistant Professor of German Literature, *ibid.*, 1896-1902; Head of North Hall, 1895-9.

WILLIAM BISHOP OWEN, Ph.D., Associate Professor of Education; Dean of the Academic Course of the University High School.

A.B., Dennison University, 1887; Ph.D., the University of Chicago, 1901; Teacher of Latin and Mathematics, Mt. Pleasant, Pa., 1887-8; Principal, Private Academy, Morgan Park, Ill., 1891-2; Instructor in Greek, Baptist Union Theological Seminary, 1891-2; Fellow, the University of Chicago, 1892-4; Associate in Greek, *ibid.*, 1894-5; Instructor in Greek, *ibid.*, 1895-7; Assistant Professor of Greek, *ibid.*, 1897-1902; Associate Professor of Greek, *ibid.*, 1902-5; Associate Professor of Education, *ibid.*, 1905—; Dean, University of Chicago Secondary Schools, 1897—.

THOMAS ATKINSON JENKINS, Ph.D., Associate Professor of French Philology.

A.B., Swarthmore College, 1887; Ph.B., University of Pennsylvania, 1888; Fellow by Courtesy, Johns Hopkins Uni-

*Resigned.

versity, 1893-4; Ph.D., *ibid.*, 1894; Instructor in Romance Languages, Vanderbilt University, 1895-6; Adjunct Professor, *ibid.*, 1896-1900; Professor of French in Swarthmore College, 1900-1; Assistant Professor of Romance Languages and Literatures, the University of Chicago, 1901-2.

EDWIN OAKES JORDAN, Ph.D., Associate Professor of Bacteriology.

S.B., Massachusetts Institute of Technology, 1888; Chief Assistant Biologist to the Mass. State Board of Health, 1888-90; Lecturer on Biology, Mass. Institute of Technology, 1889-90; Fellow in Morphology, Clark University, 1890-2; Ph.D., Clark University, 1892; Associate in Anatomy, the University of Chicago, 1892-3; Instructor, *ibid.*, 1893-5; Assistant Professor of Bacteriology, *ibid.*, 1895-1900; Student at the Pasteur Institute, Paris, 1896; Editor, *Journal of Infectious Diseases*, Chicago, 1904—; Chief of Serum Division, Memorial Institute for Infectious Diseases, Chicago, 1905—.

FERDINAND SCHWILL, Ph.D., Associate Professor of Modern History.

A.B., Yale University, 1889; Ph.D., University of Freiburg, 1892; Assistant in History and German, the University of Chicago, 1892-3; Associate in History, *ibid.*, 1893-5; Instructor, *ibid.*, 1895-9; Assistant Professor, *ibid.*, 1899-1904.

ROBERT RUSSELL BENSLEY, A.B., M.B., Associate Professor of Anatomy.

A.B., University of Toronto, 1889; Demonstrator of Histology, *ibid.*, 1891-2; M.B., *ibid.*, 1892; Member of the College of Physicians and Surgeons of Ontario, 1892; Assistant Demonstrator of Biology, University of Toronto, 1892-9; Demonstrator of Biology, *ibid.*, 1899-1901; Assistant Professor of Anatomy, the University of Chicago, 1901-5.

ADDISON WEBSTER MOORE, Ph.D., Associate Professor of Philosophy.

A.B., De Pauw University, 1890; A.M., *ibid.*, 1893; Ph.D., the University of Chicago, 1898; Principal, Marion (Ind.) High School, 1892-3; Instructor in English, De Pauw University, 1892-3; Sage Scholar, Cornell University, 1893-4; Fellow in Philosophy, the University of Chicago, 1894-5; in Europe, 1896; Assistant, *ibid.*, 1895-7; Associate, *ibid.*, 1897-8; Instructor, *ibid.*, 1898-1902; in Europe, 1901-2; Assistant Professor of Philosophy, the University of Chicago, 1902-4.

FRANK RATTRAY LILLIE, A.B., Ph.D., Associate Professor of Embryology; Assistant Curator of the Zoological Museum.

A.B., University of Toronto, 1891; Fellow, Clark University, 1891-2; Fellow in Zoology, the University of Chicago, 1892-3; Reader, *ibid.*, 1893-4; Instructor in Zoology, University of Michigan, 1894-9; Professor of Biology, John P. Girard Chair of Natural History, Vassar College, 1899-1900; Head of Department of Embryology, Marine Biological Laboratory at Woods Holl, 1899—; Assistant Director, *ibid.*, 1900—; Assistant Professor of Zoology and Embryology, the University of Chicago, 1900-2; Managing Editor of the *Biological Bulletin*; Associate Editor of the *Journal of Experimental Zoology*.

JEROME HALL RAYMOND, Ph.D., Associate Professor of Sociology.

A.B., Northwestern University, 1892; A.M., *ibid.*, 1893; Ph.D., the University of Chicago, 1895; Professor of History and Political Science, Lawrence University, 1896-4; Lecturer in Sociology, and Secretary of the Class-study Department, University Extension Division, the University of Chicago, 1894-5; Assistant in Sociology, *ibid.*, 1896; Professor of Sociology, and Secretary of the University Extension Department, University of Wisconsin, 1895-7; President of West Virginia University, and Professor of Economics and Sociology, *ibid.*, 1897-1901.

ROBERT MORSS LOVETT, A.B., Associate Professor of English; Dean in the Junior Colleges.

A.B., Harvard University, 1892; Assistant in English, *ibid.*, 1892-3; Appointed Instructor in English, *ibid.*, 1893; Instructor in Rhetoric, the University of Chicago, 1893-6; in Europe,

1896-8; 1901-2; Assistant Professor of English, the University of Chicago, 1896-1904.

JARED G. CARTER TROOP, A.M., Associate Professor of English.

A.B., Trinity University, Toronto, Canada, 1892; A.M., *ibid.*, 1893; Graduate Student, *ibid.*, 1892-4; Member Executive of Convocation, Trinity University, 1894-7; Editor, *The Week*, Toronto, 1894-6; Instructor in English, the University of Chicago, 1896-9; Assistant Professor of English, the University of Chicago, 1899-1904.

GEORGE HERBERT LOCKE, M.A., Associate Professor of Education; Dean of the College of Education.*

A.B., University of Toronto, 1893; Instructor in Classics and Ancient History, Victoria College, University of Toronto, 1893-4; Honor Graduate of Ontario Normal College and School of Pedagogy, 1895; A.M., University of Toronto, 1896; Ped.B., *ibid.*, 1896; Graduate Student and Fellow-Elect in Pedagogy, University of Chicago, 1896-7; Instructor in the History and Art of Teaching, Harvard University and Radcliffe College, 1897-9; Instructor in Pedagogy, the University of Chicago, 1899-1901; Assistant Professor of Education, *ibid.*, 1901-4; Editor, *School Review*, 1900-5.

HARRY AUGUSTUS BIGELOW, A.B., LL.B., Associate Professor of Law.

A.B., Harvard University, 1896; LL.B., *ibid.*, 1899; Instructor in Criminal Law, *ibid.*, 1899-1900; practiced law, Honolulu, Hawaiian Islands, 1900-3; Assistant Professor of Law, the University of Chicago, 1904-6.

SOLOMON HENRY CLARK, Ph.B., Associate Professor of Public Speaking.

Lecturer, Queen's University, Kingston, Ontario, 1886-7; Lecturer, McMaster College, 1890; Lecturer, Trinity University, 1888-92; Reader in Elocution, the University of Chicago, 1892-4; Instructor in Elocution, *ibid.*, 1894-7; Ph.B., *ibid.*, 1897; Assistant Professor of Public Speaking, *ibid.*, 1897-1901.

EMILY JANE RICE, Ph.B., Associate Professor of the Teaching of History, the College of Education.

Ph.B., the University of Chicago, 1903; Graduate of Oswego Normal School, 1872; Teacher in State Normal School, Johnson, Vt., 1873; Cook County Normal School, 1873-96; Head of Department of History, Chicago Normal School, 1895-9; Student in Europe, 1899-1900; Head of Department of History, Chicago Institute, 1900-1.

MARTHA FLEMING, Associate Professor of the Teaching of Speech, Oral Reading, and Dramatic Art, the College of Education.

Graduate, State Normal University, 1872; taught, country schools, Illinois, 1866-9; Hyde Park public schools, 1872-5; Peoria County Normal School, 1876-9; Chicago public schools, 1879-83; Clara Conway Institute, Memphis, Tenn., 1883-8; private work in Chicago, 1888-91; Lake Forest University, Chicago Kindergarten College, 1891-6; Appointed Assistant in the University of Chicago, 1896; Chicago Normal School, 1896-9; Student of Dramatic Art in England, France, Germany, and Italy, 1899-1900; taught, Chicago Institute, 1900-1; Associate Professor of the Teaching of Speech, Oral Reading, and Dramatic Art, the College of Education, University of Chicago, 1901—.

ZONIA BABER, S.B., Associate Professor of the Teaching of Geography and Geology, the College of Education.

Cook County Normal School, 1885; Graduate Student in Geography, *ibid.*, 1886; S.B., the University of Chicago, 1904; Principal, Hillman Street School, Youngstown, O., 1888-8; Critic Teacher, Cook County Normal School, 1889-96; Head of Department of Geography, *ibid.*, 1889-96; Chicago Normal School, 1896-9; Travel and Study in the Orient, 1899-1900; Chicago Institute, 1900-1.

* Resigned.

WILLIAM F. E. GURLEY, Associate Curator in Palaeontology.

State Geologist, Illinois, 1893-7.

HANS M. SCHMIDT-WARTENBERG, PH.D., Assistant Professor of Germanic Philology.*

Universities of Jena, Berlin, and Strassburg, 1881-5; State Examination, Strassburg, 1885; Teacher of German, Hoboken Academy, N. J., 1886-7; Acting Professor of Modern Languages, University of North Carolina, Spring Term, 1887; Fellow of Cornell University, 1887-8; Ph.D., Cornell University, 1888; Professor of Latin and German, University of Deseret (University of Utah), 1888-90; Professor of Modern Languages, University of South Dakota, 1890-1; Professor of Modern Languages, University of Mississippi, 1891-3; Instructor in German, the University of Chicago, 1893-4; Secretary of the Central Division of the Modern Language Association of America, 1895-1900; Member of the Editorial Committee, *Modern Language Association of America* (Germanic Department), 1896-1901; Correspondendes Mitglied der Lettisch-Litterarischen Gesellschaft, 1897.

PAUL OSKAR KERN, PH.D., Assistant Professor of Germanic Philology.

Abiturientenexamen, Berlin, 1877; University of Berlin, 1877-80; Tutor in England, 1881; Student in Berlin, 1882-4; Teacher of Languages, Princeton (Ill.) High School, 1887; Student in Paris (Sorbonne and Collège de France), 1888-9; Teacher of French in Chicago High School, 1889-95; Graduate Student, the University of Chicago, 1892; Honorary Fellow in German, *ibid.*, 1893-4; Fellow, *ibid.*, 1894-5; Associate, *ibid.*, 1895-6; Ph.D., *ibid.*, 1897; Instructor in Germanic Philology, *ibid.*, 1896-1902.

THORSTEIN B. VEBLEN, PH.D., Assistant Professor of Political Economy.†

A.B., Carleton College, 1880; Graduate Student, Johns Hopkins University; Ph.D., Yale University, 1884; Fellow in Economics and Finance, Cornell University, 1891-3; Fellow, the University of Chicago, 1893-3; Reader in Political Economy, *ibid.*, 1893-4; Associate, *ibid.*, 1894-6; Instructor, *ibid.*, 1896-1900; Assistant Professor, *ibid.*, 1900-6.

FRANCIS ASBURY WOOD, PH.D., Assistant Professor of Germanic Philology.

A.B., Northwestern University, 1880; A.M., *ibid.*, 1883; Student in Germanic Philology, University of Göttingen, 1888-1890; Instructor in Greek, Latin, and German, Chaddick College, Quincy, Ill., 1890-3; Fellow in Germanic, the University of Chicago, 1893-3; Ph.D., *ibid.*, 1895; Assistant in Medill High School, Chicago, 1895-7; Professor of German, Cornell College, 1897-1903; Instructor in Germanic Philology, the University of Chicago, Summer Quarters, 1897, 1898, 1902; Instructor in Germanic Philology, *ibid.*, 1903-5.

MAXIME INGRES, B. des LETTRES, Assistant Professor of French.

B. des Lettres, Université de France, Académie de Paris; Student in Modern Languages and Philology, Germany, Spain, England; Professor of French Language and Literature, McGill University, 1894-1900; Director, Alliance Française, 1901—; officier d'Académie, 1902.

OLOF HEDEN, A.B., Assistant Professor (in the Swedish Theological Seminary) of Practical Theology and Exegesis.

A.B., University of Upsala, Sweden, 1882; Private Instructor in German and the Natural Sciences, College of Östersund, 1877, and in Latin and German, Upsala, 1882-3; Student, University of Upsala, 1882-3; *S.M. Candidatus*, Evangelical Lutheran Augustana Synod, 1885; Pastor, Manchester, N. H., 1885-90; Pastor, Brooklyn, N. Y., 1890-6.

ALICE PELOUBET NORTON, A.M., Assistant Professor of Household Administration.

A.B., Smith College, 1882; A.M., *ibid.*, 1897; Student, Massachusetts Institute of Technology, 1895-7; Graduate, Boston

Normal School of Cookery, 1896; Teacher, Brookline, Mass., High School, and Supervisor of Grammar School Work, 1896-1900; Chicago Institute, 1900-1; Lecturer at Hartford School of Sociology, 1894; Lecturer at Lasell Seminary, Auburndale, Mass., on home sanitation, 1893-9; Lecturer at Y. W. C. A. School of Domestic Science, Boston, 1896-1900; Lecturer at Boston Cooking School, 1896-1900; Chautauqua School of Domestic Science, 1899-1905.

FRANK MELVILLE BRONSON, A.M., Assistant Professor of Greek, the Academy for Boys.

Morgan Park.

A.B., Brown University, 1884; Principal of High Schools, 1884-7; A.M., Brown University, 1887; Instructor in Classics, *ibid.*, 1887-8; Instructor in Classics, Cornell University, 1888-92; Academy Instructor in Greek, the University of Chicago, 1892-4.

WAYLAND JOHNSON CHASE, A.M., Assistant Professor of History, and Dean of the Academy for Boys.

Morgan Park.

Graduate, Phillips (Exeter) Academy, 1884; A.B., Brown University, and A.M., 1890; Instructor in Wayland Seminary, Washington, D.C., 1892; Academy Associate in English, the University of Chicago, 1892-4; Academy Instructor in History, 1894-8; Acting Dean of Morgan Park Academy, 1898-1900.

HERBERT ELLSWORTH SLAUGHT, PH.D., Assistant Professor of Mathematics; Secretary of the Board of Recommendations.

A.B., Colgate University, 1883; and A.M., *ibid.*, 1886; Ph.D., the University of Chicago, 1896; Instructor in Mathematics, Peddie Institute, Hightstown, N. J., 1883-8; Principal, Peddie Institute, 1888-92; Fellow in Mathematics, the University of Chicago, 1892-4; Special Instructor, the University of Chicago, Summer Quarter, 1894; Reader in Mathematics, *ibid.*, 1894-5; Assistant in Mathematics, *ibid.*, 1895-6; Associate in Mathematics, *ibid.*, 1896-7; Instructor in Mathematics, *ibid.*, 1897-1900; Departmental Examiner in Mathematics, 1897-1902, 1903—; in Europe, 1902-3.

GEORGE CARTER HOWLAND, A.M., Assistant Professor of Italian Philology.

A.B., Amherst College, 1885, and A.M., 1888; Instructor in Chicago High School, 1886-91; Student in Madrid and Paris, 1891-2; Florence, 1893-4; Instructor in the Romance Languages and Literatures, the University of Chicago, 1892-5; Junior College Examiner, *ibid.*, 1896-8; Dean in the University College, 1896-1900.

IRA WOODS HOWERTH, PH.D., Assistant Professor of Sociology.

Valparaiso, Ind.

A.B., Northern Indiana Normal, 1885; Principal of Public Schools, 1885-7; Teacher of Sciences and Mathematics, Hayward Collegiate Institute, Fairfield, Ill., 1887-9; admitted to Illinois Bar, 1889; Principal of High School, Santa Ana, Cal., 1889-91; A.B., Harvard University, 1893; A.M., the University of Chicago, 1894; Ph.D., *ibid.*, 1898; Graduate Scholar and University Extension Lecturer in Sociology and Political Economy, *ibid.*, 1894-5; Assistant in Sociology, *ibid.*, 1895-6; Secretary of the University Extension Class-study Department, 1896-1900; Dean in University College, 1898-1900; Instructor in Sociology, *ibid.*, 1896-1902.

DAVID JUDSON LINGLE, PH.D., Assistant Professor of Physiology.

S.B., University of Chicago, 1885; Assistant in Science, Beloit College, 1886-7; Graduate Student in Johns Hopkins University, 1887-9; Assistant Professor of Biology, Tulane University, New Orleans, La., 1889-90; Graduate Student, Johns Hopkins University, 1890-1; Fellow in Biology, *ibid.*, 1891-2; Ph.D., *ibid.*, 1892; Reader in Biology, the University of Chicago, 1892-3; Assistant in Physiology, *ibid.*, 1893-4; Instructor in Physiology, *ibid.*, 1894-1904.

JOHN GORDON WILSON, A.M., M.B., C.M., Assistant Professor of Anatomy.

A.M., Edinburgh University, 1883; M.B., C.M., *ibid.*, 1889; Post-Graduate Study in Vienna and Berlin, 1890-1; Surgeon,

* Absent on leave.

† Resigned.

Bellahouston Dispensary, Glasgow, 1895-7; Dispensary Surgeon, Victoria Infirmary, Glasgow, 1898-1900; Fellow in Anatomy, the University of Chicago, 1902; Associate in Anatomy, *ibid.*, 1903; Instructor in Anatomy, *ibid.*, 1903-6.

HERBERT LOCKWOOD WILLETT, Ph.D., Assistant Professor of the Semitic Languages and Literatures; Dean of the Disciples' Divinity House.

A.B., Bethany College, 1886; A.M., *ibid.*, 1887; Graduate Student, Yale University, 1890-1; Pastor, Dayton, Ohio, 1887-93; Non-resident Professor of Hebrew and Old Testament Literature, Bethany College, 1892-3; Graduate Student, the University of Chicago, 1893-5; Instructor, Bible Chair, Ann Arbor, Mich., 1893-5; Ph.D., the University of Chicago, 1896; Assistant in Semitic Languages, *ibid.*, 1896-7; Instructor, *ibid.*, 1897-1900; the University of Berlin, 1898-9.

KURT LAVES, Ph.D., Assistant Professor of Astronomy.

Abiturientenexamen, Gymnasium at Lyck, East Prussia (Germany), 1886; Student of Mathematics and Astronomy at Königsberg, 1886-7; at Berlin, 1887-91; Ph.D., University of Berlin, 1891; Student in Mathematical Physics, *ibid.*, 1892-3; Assistant to Professor Tietjen in the *Berliner Jahrbuch* office at the Royal Observatory, Berlin, 1893; Docent in Astronomy, the University of Chicago, 1893-4; Reader, *ibid.*, 1894-5; Assistant, *ibid.*, 1895-6; Associate, *ibid.*, 1896-7; Instructor, *ibid.*, 1897-1901.

ELIZABETH WALLACE, S.B., Assistant Professor of French Literature; Head of Beecher House; Dean of the Junior College of Literature (Women).

S.B., Wellesley College, 1886; Teacher of History, 1887-9; Graduate Student, University of Minnesota, 1889-92; Fellow in History, the University of Chicago, 1892-3; Docent and Reader in Spanish and Latin-American Institutions, *ibid.*, 1893-5; Dean of Women in Knox College, Galesburg, Ill., 1895-6; Traveling Fellow in Romance Languages, the University of Chicago, 1896-7; Élève titulaire de l'École des Hautes Études, University of Paris, 1897; Associate in Romance Languages, the University of Chicago, 1897-9; in Paris, 1901-2; Instructor in French Literature, the University of Chicago, 1899-1905; Officier d'Académie, 1905; Dean of the Junior College of Literature (Women), 1905-.

JACOB WILLIAM ALBERT YOUNG, Ph.D., Assistant Professor of the Pedagogy of Mathematics.

A.B., Bucknell University, 1887; Instructor in Mathematics, Bucknell Academy, 1887-8; Student in the University of Berlin, 1888-9; A.M., Bucknell University, 1890; Fellow in Mathematics, Clark University, 1889-92; Ph.D., Clark University, 1892; Associate in Mathematics, the University of Chicago, 1892-4; Instructor in Mathematics, *ibid.*, 1894-7; Studying Prussian Methods in the Pedagogy of Mathematics, 1897-8; French and German Methods, 1901, 1904-5.

CLYDE WEBER VOTAW, D.B., Ph.D., Assistant Professor of New Testament Literature.

A.B., Amherst College, 1888; D.B., Yale University, 1891; A.M., Amherst College, 1891; Instructor in the American Institute of Sacred Literature, 1891-2; Reader, the University of Chicago, 1892-4; Associate in Biblical Literature, *ibid.*, 1894-6; Ph.D., *ibid.*, 1896; Instructor in New Testament Literature, *ibid.*, 1896-1900; in Germany and Palestine, 1900-1; Editorial Secretary, the Religious Educational Association, 1903-5; Acting Professor of New Testament Literature and Interpretation, the Chicago Theological Seminary, 1905-6.

GEORGE AMOS DORSEY, Ph.D. Assistant Professor of Anthropology.

A.B., Denison University, 1888; Instructor in History, Baird College, Clinton, Mo., 1888-9; A.B., Harvard University, 1890; Hemenway Fellow, *ibid.*, 1893-4; Ph.D., *ibid.*, 1894; Assistant in Anthropology, *ibid.*, 1894-5; Instructor in Anthropology, *ibid.*, 1895-6; Assistant Curator of Somatology, Field Columbian Museum, 1895-7; Curator, Department of Anthropology, *ibid.*, 1897-; Professor of Comparative Anatomy, Northwestern University, 1900-; Honorary Commissioner to Peru and Ecuador, World's Columbian Exposition, 1891-2; President, American Folk-Lore Society, 1902; Vice-

President, American Association for the Advancement of Science, 1903-4; Vice-President, American Anthropological Association, 1904-; Corresponding Member of the Anthropological Societies of Stockholm and Paris.

JOHN PAUL GOODE, Ph.D., Assistant Professor of Geography.

S.B., University of Minnesota, 1889; Professor of Natural Science, State Normal School, Moorhead, Minn., 1889-98; Graduate Student, Harvard University, summer, 1894; Graduate Student, the University of Chicago, summer, 1895; Instructor in Physiography, University of Minnesota, summer, 1896; Fellow in Geology, the University of Chicago, 1896-7; Instructor in Physiography and Meteorology, *ibid.*, summers 1897-1900, 1902; Graduate Student, *ibid.*, 1898-9; Professor of Physical Science and Geography, Eastern Illinois State Normal School, Charleston, Ill., 1899-1901; Graduate Student, University of Pennsylvania, 1900-1; Ph.D., *ibid.*, 1901; Instructor in Geography, *ibid.*, 1901-3; Associate Editor, *Journal of Geography*.

WILLIAM HILL, A.M., Assistant Professor of Political Economy.

A.B., University of Kansas, 1890; A.B., Harvard University, 1891; A.M., *ibid.*, 1892; Lee Memorial Fellow in Harvard University, 1891-3; Instructor in Political Economy, *ibid.*, 1893; Associate in Political Economy, the University of Chicago, 1893-4; Instructor in Political Economy, *ibid.*, 1894-7.

CHARLES RIBORG MANN, Ph.D., Assistant Professor of Physics.

A.B., Columbia College, 1890; A.M., *ibid.*, 1891; University Fellow in Physics, Columbia College, 1890-2; John Tyndall Fellow of Columbia College, 1892-5; Ph.D., the University of Berlin, 1895; Research Assistant, the University of Chicago, 1895-7; Associate in Physics, *ibid.*, 1897-9; Instructor in Physics, *ibid.*, 1899-1902.

CHARLES MANNING CHILD, Ph.D., Assistant Professor of Zoology.

Ph.B., Wesleyan College, 1890; S.M., *ibid.*, 1892; Assistant in Zoology and Botany, *ibid.*, two years; Ph.D., Leipzig, 1894; Naples Zoological Station, 1894; Fellow in Zoology, the University of Chicago, 1894-5; Assistant, 1895-7; Associate, *ibid.*, 1897-8; Instructor, Marine Biological Laboratory, Wood's Holl, Summer, 1895-7; Instructor in Zoology, the University of Chicago, 1896-1905; Naples Zoological Station, 1902-3.

EDGAR JOHNSON GOODSPEED, Ph.D., Assistant Professor of Biblical and Patristic Greek; Assistant Director of Haskell Oriental Museum.

A.B., Denison University, 1890; D.B., the University of Chicago, 1897; Ph.D., *ibid.*, 1898; Student, Yale University, 1890-1; Teacher of Classics, Morgan Park, 1891-2; Fellow in Semitic, the University of Chicago, 1892-3; Graduate Student, *ibid.*, 1892-8; Honorary Fellow in New Testament, *ibid.*, 1895-7; Instructor in Classical Languages, South Side Academy, Chicago, 1894-8; Assistant in Biblical and Patristic Greek, the University of Chicago, 1898-1900; Associate, *ibid.*, 1900-2; Instructor, *ibid.*, 1902-5; in Europe and the Orient, on leave of absence, 1898-1900.

GORDON JENNINGS LAING, Ph.D., Assistant Professor of Latin.

A.B., University of Toronto, 1891; Classical Master, Whetham College, Vancouver, British Columbia, 1892-3; Scholar and Fellow in Latin, Johns Hopkins University, 1895-6; Ph.D., *ibid.*, 1896; Fellow, American School of Classical Studies, Rome, 1896-7; Reader in Latin, Bryn Mawr College, 1897-8; Lecturer in Latin, *ibid.*, 1898-9; Instructor in Latin, the University of Chicago, 1899-1902.

ROBERT ANDREWS MILLIKAN, Ph.D., Assistant Professor of Physics.

A.B., Oberlin College, 1891; Tutor in Physics, *ibid.*, 1891-3; A.M., *ibid.*, 1893; Fellow in Physics, Columbia University, 1893; Ph.D., *ibid.*, 1896; Student, Berlin and Göttingen Universities, 1895-6; Assistant in Physics, the University of Chicago, 1896-7; Associate, *ibid.*, 1897-9; Instructor, *ibid.* 1899-1902.

PHILIP SCHUYLER ALLEN, Ph.D., Assistant Professor of German Literature.

A.B., Williams College, 1891; Instructor in German, Allen Academy, Chicago, 1891-2; Student, University of Berlin, 1892-4; Instructor in English, Shattuck School, Faribault, Minn., 1894-5; Fellow in German, University of Chicago, 1895-7; Ph.D., *ibid.*, 1897; Assistant in German, *ibid.*, 1898-1900; Associate, *ibid.*, 1900-2; Instructor, *ibid.*, 1902-3; Managing Editor of *Modern Philology*.

JOHN CUMMINGS, Ph.D., Assistant Professor of Political Economy.

A.B., Harvard University, 1891; A.M., *ibid.*, 1892; Senior Fellow in Political Economy, the University of Chicago, 1893-4; Ph.D., *ibid.*, 1894; Instructor in Economics, Harvard University, 1894-1900; Dean in University College, 1904-5.

GERALD BIRNEY SMITH, A.M., D.B., Assistant Professor of Systematic Theology.

A.B., Brown University, 1891; A.M., Columbia University, 1898; D.B., Union Theological Seminary, 1898; Instructor, Oberlin Academy, 1891-2; Instructor, Worcester Academy, 1892-5; Student, Union Theological Seminary and Columbia University, 1895-8; Traveling Fellow, Union Theological Seminary, 1898-1900; Student in University of Berlin, 1898; Marburg, 1899; Paris, 1900; Instructor in Systematic Theology, the University of Chicago, 1900-4.

BRADLEY MOORE DAVIS, Ph.D., Assistant Professor of Plant Morphology.

A.B., Leland Stanford Jr. University, 1892; Graduate Student, Harvard University, 1892-3; Ph.D., Harvard University, 1895; Assistant in Botany, the University of Chicago, 1895-6; Associate in Botany, the University of Chicago, 1896-8; Instructor, *ibid.*, 1898-1902; research at Naples and Bonn, Winter 1897-8; Head Instructor in Botany, Marine Biological Laboratory, 1897-; Research at Naples, Spring, 1904.

HERBERT NEWBY MCCOY, Ph.D., Assistant Professor of Physical Chemistry.

S.B., Purdue University, 1892; Assistant in Chemistry, *ibid.*, 1892-3; Chemist for Swift & Company, Chicago, 1893-4; Professor of Chemistry and Physics, Fargo College, 1894-6; Fellow in Chemistry, the University of Chicago, 1896-8; Ph.D., *ibid.*, 1898; Assistant in Chemistry, *ibid.*, 1898-9; Assistant Professor of Chemistry, University of Utah, 1899-1901; Associate Professor, *ibid.*, 1901; Instructor in Chemistry, the University of Chicago, 1901-8.

JAMES WESTFALL THOMPSON, Ph.D., Assistant Professor of European History; Director of University Houses.

A.B., Rutgers College, 1892; Graduate Student, the University of Chicago, 1892-3; Fellow in History, *ibid.*, 1893-5; Ph.D., *ibid.*, 1896; Assistant in History, *ibid.*, 1896-7; Associate, *ibid.*, 1897-9; Instructor in European History, 1899-1904.

HUGO RICHARD MEYER, A.M., Assistant Professor of Political Economy.*

A.B., Harvard University, 1892; A.M., *ibid.*, 1894.

NEWMAN MILLER, Ph.B., Director of the University Press.

Ph.B., Albion College, 1893; Clerk, University Extension Division and Graduate Student in Political Science, the University of Chicago, 1894-5; Instructor and Secretary of the University Extension Division, Correspondence-study Department, 1895-8; Manager the *Recorder Press*, Albion, Mich., 1898-1900.

LEONARD EUGENE DICKSON, Ph.D., Assistant Professor of Mathematics.

S.B., University of Texas, 1893; A.M., *ibid.*, 1894; Ph.D., the University of Chicago, 1896; Chemist Geological Survey of Texas, 1892-3; Fellow in Pure Mathematics, University of

Texas, 1893-4; Fellow in Mathematics, the University of Chicago, 1894-6; Student at Leipzig and Paris, 1896-7; Instructor in Mathematics, University of California, 1897-9; Assistant Professor of Mathematics, *ibid.*, 1899; Associate Professor of Mathematics, University of Texas, 1899-1900; Editor *American Mathematical Monthly*, 1902-; Associate Editor *Transactions American Mathematical Society*, 1902-; Research Assistant to the Carnegie Institution, 1904.

WILLIAM VAUGHN MOODY, A.M., Assistant Professor of English and Rhetoric.†

A.B., Harvard University, 1893; A.M., *ibid.*, 1894; Assistant in English, *ibid.*, and in Radcliffe College, 1894-5; Instructor in English and Rhetoric, the University of Chicago, 1895-1901.

FREDERIC MASON BLANCHARD, A.M., Assistant Professor of Public Speaking.

Ph.B., Oberlin College, 1893; A.M., *ibid.*, 1897; Graduate of Emerson College of Oratory, 1896; Instructor, *ibid.*, 1896-7; Instructor in Public Speaking, the University of Chicago, 1897-1902.

CARL KINSLEY, A.M., M.E., Assistant Professor of Physics.

A.B., Oberlin College, 1893; A.M., *ibid.*, 1896; M.E., Cornell University, 1894; Instructor in Physics and Electrical Engineering, Washington University, 1894-8; Scholar in Physics and Electrical Engineering, Johns Hopkins University, 1898-9; Electrical Expert for the United States War Department, 1899-1901; Fellow in Physics, the University of Chicago, 1901-2; Instructor in Physics, *ibid.*, 1902-3.

CHARLES EDWARD MERRIAM, A.M., Ph.D., Assistant Professor of Political Science.

A.B., Lenox College, 1893; Teacher in Iowa Public Schools, 1893-4; A.B., State University of Iowa, 1895; Instructor in Lenox College, 1895-6; Graduate Student, Columbia University, 1896-8; A.M., *ibid.*, 1897; Fellow in Political Science, 1897-8; Lecturer, *ibid.*, 1898-9; Ph.D., *ibid.*, 1900; Student in Berlin and Paris, 1899-1900; Docent in Political Science, the University of Chicago, 1900-2; Associate, *ibid.*, 1902-3; Instructor, *ibid.*, 1903-5; Assistant Professor, *ibid.*, 1905-.

STUART WELLER, Ph.D., Assistant Professor of Paleontologic Geology.

S.B., Cornell University, 1894; Ph.D., Yale, 1901; Assistant, Missouri Geological Survey, 1890; Assistant, U. S. Geological Survey, 1891; Museum Assistant in charge of Paleontology, Cornell University, 1892-3; Assistant in Geology, *ibid.*, 1893-4; Assistant in Paleontology and Graduate Student, Yale University, 1894-5; Paleontologist to Geological Survey of New Jersey, 1899-; Geologist, Geological Survey of Illinois, 1906-; Assistant Geologist, U. S. Geological Survey, 1901-; Assistant in Paleontologic Geology, the University of Chicago, 1895-7; Associate, *ibid.*, 1897-1900; Instructor, *ibid.*, 1900-1.

FOREST RAY MOULTON, Ph.D., Assistant Professor of Astronomy.

A.B., Albion College (Mich.), 1894; Instructor in Astronomy and Assistant in the Observatory, *ibid.*, 1892-4; Superintendent of Manufacturing Statistics of the State Census of Michigan, 1894-5; Graduate Student in Astronomy, the University of Chicago, 1895-6; Assistant in Astronomy, *ibid.*, 1896-8; Ph.D., *ibid.*, 1899; Associate in Astronomy, *ibid.*, 1898-1900; Instructor in Astronomy, *ibid.*, 1900-3.

WILLARD CLARK GORE, Ph.D., Assistant Professor of Psychology, the College of Education.

Ph.B., University of Michigan, 1894; Assistant in English, *ibid.*, 1894-6; Ph.M., *ibid.*, 1895; Principal, High School, Riverside, Ill., 1896-9; Professor of English Literature, Armour Institute of Technology, 1899-1900; Graduate Student and Fellow in Philosophy, the University of Chicago, 1900-1; Ph.D., *ibid.*, 1901; Teacher of Psychology, Chicago Normal School, 1901-2.

*Resigned.

†Absent on leave.

HERBERT JOSEPH DAVENPORT, Ph.D., Assistant Professor of Political Economy; Head of North House.

Ph.B., University of South Dakota, 1894; Ph.D., the University of Chicago, 1898; Harvard Law School, 1884-6; University of Leipzig, 1890; Ecole des Sciences Politiques, Paris, 1890-1; Fellow, the University of Chicago, 1897-8; Principal, Lincoln, Neb., High School, 1899-1902; Instructor in Political Economy, the University of Chicago, 1902-4; Assistant Professor of Political Economy, *ibid.*, 1904-.

WALTER A. PAYNE, Ph.B., Assistant Professor, and Secretary of the University Extension Lecture-study Department.

Graduate, State Normal School, Kirksville, Mo., 1887; Principal Public Schools, Dayton, Wash., 1888-93; Ph.B., the University of Chicago, 1893; Graduate Scholar in Sociology, *ibid.*, 1895-6; Instructor, *ibid.*, 1896-1902.

HARRY GIDEON WELLS, Ph.D., M.D., Assistant Professor of Pathology; Dean in Medical Work.

Ph.B., Yale University, 1895; A.M., Lake Forest University, 1897; M.D., Rush Medical College, 1898; Ph.D., the University of Chicago, 1903; Interne, Cook County Hospital, 1898-9; Fellow in Pathology, Rush Medical College, 1900; Fellow and Assistant in Pathology, *ibid.*, 1901; Associate in Pathology, the University of Chicago, 1901-2; Instructor in Pathology, *ibid.*, 1902-4; Student in Berlin, 1904-5; Assistant Professor of Pathology, *ibid.*, 1904-.

PRESTON KYES, A.M., M.D., Assistant Professor of Experimental Pathology.

A.B., Bowdoin College, 1896; A.M., *ibid.*, 1900; M.D., Johns Hopkins University, 1900; Graduate Student, Harvard University, 1898; Fellow in the Rockefeller Institute for Medical Research, 1902-5; Associate in Anatomy, the University of Chicago, 1901-2; Associate in the Memorial Institute for Infectious Diseases, 1904; Instructor in Anatomy, the University of Chicago, 1902-4.

JOSEPH EDWARD RAYCROFT, A.B., M.D., Assistant Professor of Physical Culture, and Examining Physician.

Director, Physical Culture, Worcester Academy, 1888-92; Instructor in Chautauqua School of Physical Culture, 1889-92; Director, Physical Culture, Eagle Lake Assembly, 1895; Assistant in Physical Culture, the University of Chicago, 1892-6; A.B., *ibid.*, 1896; Head of Snell House, 1896-9; M.D., Rush Medical College, 1899; Assistant in Diseases of Chest, Throat, and Nose, Rush Medical College, 1899-1904; Instructor, the University of Chicago, 1896-1904.

WALDEMAR KOCH, Ph.D., Assistant Professor of Physiological Chemistry.

S.B., Harvard University, 1898; Ph.D., *ibid.*, 1900; Assistant in Physiology, Harvard Medical School, 1900-1; Assistant Professor of Pharmacology and Physiological Chemistry, University of Missouri, 1903-6.

ANTON JULIUS CARLSON, A.M., Ph.D., Assistant Professor of Physiology.

S.B., Augustana College, 1898; A.M., *ibid.*, 1899; Student, Leland Stanford Jr. University, 1899-1902; Ph.D., *ibid.*, 1902; Assistant in Physiology, *ibid.*, 1902-3; Research Assistant of the Carnegie Institution, 1903-4.

CARL JOHANNES KROH, Assistant Professor of the Teaching of Physical Training, the College of Education.

Friedrich Knapp's Institute, Baltimore, 1860-7; Turnlehrer Seminar, Milwaukee, 1878-9; Instructor in Gymnastics, Baltimore, 1872-8; Director of Physical Culture, Dayton, O., 1879-81; Cincinnati, O., 1881-91; Head of Department of Physical Training, Cook County and Chicago Normal School, 1891-9; studied Methods of Physical Training in Europe, 1885, 1899-1900, 1903; Head of Department of Physical Training, School of Education, the University of Chicago, 1901-4.

FREDERIO JAMES GURNEY, A.B., D.B., Assistant Recorder.

A.B., University of Michigan, 1880; D.B., Baptist Union Theological Seminary, 1883; Instructor, the American Institute of Hebrew, 1882-6; Instructor in the English New Testament, Baptist Union Theological Seminary, 1884-5; Examiner's Clerk, the University of Chicago, 1893-9; Assistant to the Recorder, *ibid.*, 1899-1906; Assistant Recorder, *ibid.*, 1906-.

THEODORE LEE NEFF, A.M., Ph.D., Instructor in French.

Ph.B., De Pauw University, 1883, and A.M., 1886; Student in France and Germany, 1884-6; Instructor and Associate Professor of Modern Languages, De Pauw University, 1886-90; Instructor and Assistant Professor of Modern Languages, Iowa State University, 1890-94; Graduate Student in Romance Languages, the University of Chicago, 1893-4; Senior Fellow, *ibid.*, 1894-6; Ph.D., *ibid.*, 1896; Associate in Romance Languages, *ibid.*, 1896-7; in Europe, 1899-1900.

LUANNA ROBERTSON, Ph.D., Instructor in German; Head of Kelly House.

Ph.B., Wooster University, 1883; Principal of High School, Bellevue, Ohio, 1883-6; Student in Germany, 1886-6; Ph.D., Wooster University, 1890; Student in Berlin, 1891-3; Academy Associate, the University of Chicago, 1892-4; Academy Instructor, *ibid.*, 1894-1900; Instructor, South Side Academy, 1900-3; Instructor and Dean of Women, the University High School, 1903-4.

THEO ROTHSTEIN, A.B., M.L., Instructor in Neuro-pathology.

A.B., Sweden, 1884; *Candidatus Medico-philosophicus*, University of Lund, 1886; Assistant in Histology, Karolinska Institute, Stockholm, 1889-91; *Candidatus Medicinæ*, 1891; *Retzius'* prize, 1890 and 1892; Student in Kiel and Munich, 1892; Physician in Cholera Epidemic in Sweden, 1894; Resident Physician in Clinic for Nervous Diseases at Royal Seraphim Lazarett, Stockholm, 1895-6; In charge of Extraordinary Professorship in Anatomy and Histology, Stockholm, 1897; *Licentiatu Medicinæ*, 1897.

ERNEST JEAN DUBEDOUT, DR. ES LETTRES, Instructor in French Literature.

B. es lettres, 1885; Student in Madrid, 1885-7; Licencié es lettres, 1888; Professeur de grammaire supérieure (3^e), Collège de Tivoli, Bordeaux, 1889-93; Professeur de littérature française, Collège S. Ignace, Paris, 1893-99; Student, Berlin, 1898; Professeur de Rhétorique, Collège S. Joseph, Paris, 1900-1; Dr. es lettres, Sorbonne, Paris, 1901.

MARTIN SCHÜTZE, Ph.D., Instructor in German.

Graduate, Gymnasium of Güstrow, Germany, 1886; Student, University of Freiburg in Baden, 1886; University of Rostock, 1887; Passed Civil Service Examination in Law, 1889; Private Teaching, Pittsburg, Pa., 1890-2; Assistant Editor, *Volksblatt*, Pittsburg, Pa., 1892-4; Professor of German, Beaver College, Beaver, Pa., 1894-5; Professor of German, Beaver High School, *ibid.*, 1895; Fellow in Germanics, University of Pennsylvania, 1897-9; Ph.D., *ibid.*, 1899; Senior Fellow, *ibid.*, 1899-1900; Instructor in German, Northwestern University, Evanston, Ill., 1900-1; Associate in German, the University of Chicago, 1901-3.

WILLIAM AUGUST PETERSON, D.B., Instructor (in the Swedish Theological Seminary) in General History, Church History, and the Greek and Swedish Languages.

Morgan Park. Student at Bethel Theological Seminary, Stockholm, Sweden, 1883-6; Pastor, Sala, Sweden, 1896-8; graduated from the Swedish Department of the Baptist Union Theological Seminary, Morgan Park, Ill., 1899, and from the American Department, *ibid.*, with degree of D.B., 1900; Post-Graduate, *ibid.*, 1890-1; ordained, Sioux Falls, South Dakota, 1891; Pastor, Sioux Falls, South Dakota, 1891-2; Graduate Student of the University of Chicago, 1892-5.

CHRISTIAN JÖRGINIUS OLSEN, Instructor (in the Dano-Norwegian Theological Seminary) in Homiletics, Church Polity, and Pastoral Duties.

Morgan Park.

Private Divinity Course, Thronthjem, Norway, 1880; Student in the Baptist Union Theological Seminary, 1884-6; Pastor, Oconomowoc, Wisconsin, 1885-8; Pastor, Eau Claire, Wis., 1888-94; Editor of *Vægtøren*, the Dano-Norwegian Baptist paper, 1894-5; Instructor in the Dano-Norwegian Seminary, the University of Chicago, 1895-.

CHARLES PORTER SMALL, M.D., the University Physician.

A.B., Colby University, 1886; A.M., *ibid.*, 1889; M.D., Maine Medical School, 1890; House Surgeon, Maine General Hospital, 1889-90; Second Assistant Surgeon, National Soldiers' Home, Togus, Maine, 1890-1.

JOHN ADELBERT PARKHURST, S.M., Instructor in Practical Astronomy.

S.B., Rose Polytechnic Institute, 1886; Instructor in Mathematics, *ibid.*, 1886-8; S.M., *ibid.*, 1897; Astronomer, Private Observatory, Marengo, Ill., 1892-9; Volunteer Research Assistant, the Yerkes Observatory, 1898, 1900; Assistant, *ibid.*, 1901-8; Carnegie Investigator in Stellar Photometry, *ibid.*, 1908-5.

ERNEST LE ROY CALDWELL, A.B., Instructor in Mathematics, the University High School, School of Education.

A.B., Yale University, 1887; Instructor in Classics, Harvard School, New York City, 1888-91; Academy Associate in Mathematics, the University of Chicago, 1892-4; Tutor, *ibid.*, 1894-5.

CHARLES JOSEPH CHAMBERLAIN, A.M., Ph.D., Instructor in Botany.

A.B., Oberlin College, 1888; Public School of Pittsfield, O., 1888-9; Principal of Crookston, Minnesota High School, 1889-93; A.M., Oberlin College, 1893; Student in the University of Chicago, 1893-6; Laboratory Assistant in Botany, *ibid.*, 1896; Ph.D., *ibid.*, 1897; Assistant, *ibid.*, 1897-9; Associate, *ibid.*, 1899-1901; Research at Bonn, Germany, 1901-2; Member of the Botanical Society of America, Association Internationale des Botanistes, Die Deutsche Botanische Gesellschaft; Editor of Current Botanical Literature, *Journal of Applied Microscopy*, 1899-1903; American Editor of *Cytology*, *Botanisches Centralblatt*, 1902-.

EDWARD AMBROSE BECHTEL, Ph.D., Instructor in Latin; Dean in University College.

A.B., Johns Hopkins University, 1888; University Scholar, *ibid.*, 1888-9; Professor of Greek, Mt. Morris College, Ill., 1889-91; Professor of Latin, Yankton College, 1892; Instructor in Latin and Greek, Northwestern University Academy, 1893-4; Instructor in Latin, Northwestern University, 1894-7; Fellow, the University of Chicago, 1897-8; Assistant in Latin, *ibid.*, 1898-1900; Ph.D., *ibid.*, 1900; Associate, *ibid.*, 1900-2.

SOPHONISBA PRESTON BROCKINRIDGE, Ph.D., J.D., Instructor in Household Administration; Assistant Dean of Women; Dean of the Junior College of Arts (Women).

S.B., Wellesley College, 1888; Instructor in Mathematics, High School, Washington, D. C., 1888-90; Ph.M., the University of Chicago, 1897; Fellow in Political Science, *ibid.*, 1897-1901; Ph.D., *ibid.*, 1901; J. D., *ibid.*, 1904.

EDWARD SCRIBNER AMES, A.M., Ph.D., Instructor in Philosophy.

A.B., Drake University, 1889; A.M., *ibid.*, 1891; D.B., Yale University, 1892; Graduate Student in Philosophy, Yale University, 1892-4; Fellow in Philosophy, the University of Chicago, 1894-5; Ph.D., *ibid.*, 1895; Instructor, Disciples Divinity House, the University of Chicago, 1895-7; Docent in Philosophy, *ibid.*, 1896-7; Professor of Philosophy and Pedagogy, Butler College, 1897-1900; Pastor of the Hyde Park Church of the Disciples, Chicago, Ill., 1900-.

BROWN POSEY, M.D., Instructor in Pathology of the Eye.

Vanderbilt University, 1886-9; M.D., University of Pennsylvania, 1892; Post-Graduate Medical Work, New York City, 1892-3; Assistant Surgeon United States Navy, 1893-6; House Surgeon, New York Eye and Ear Infirmary, 1896-7; worked in Laboratories of Weigert (Frankfurt, a.M.) and Leber (Heidelberg) and in the clinics of Vienna, 1898-9; Assistant in Ophthalmology, Rush Medical College, 1901-3; worked in clinics of Vienna and Laboratory of Axenfeld, Freiburg i.B., 1904.

TORILD ARNOLDSON, A.B., A.M., Instructor in German and in Scandinavian Literatures.*

Graduate Gymnasium, Stockholm, 1889; Juridisk Preliminärexamen, Upsala University, 1890; Instructor in Modern Languages, Monmouth College, 1899-1901; A.B., *ibid.*, 1900; A.M., *ibid.*, 1906; Instructor in French, the University of Chicago, Summer Quarter, 1901; Graduate Student, University of Lausanne, 1902-3; Saragossa, 1903; the University of Chicago, at intervals from 1899; Instructor in Modern Languages, University of Utah, 1901-4; Professor, *ibid.*, 1904-.

CLARENCE ALMON TORREY, Ph.B., Inspector of Departmental Libraries.

Ph.B., Cornell College, 1890; Principal of Schools, Mt. Vernon, Ia., 1890-2; Student, the University of Chicago, 1892-3; Assistant Cataloguer, *ibid.*, 1893-4.

HERVEY FOSTER MALLOREY, A.B., Instructor, and Secretary of the Correspondence-study Department.

A.B., Colgate University, 1890; Instructor in Greek and Latin, St. John's Military School, Ossining, N. Y., 1890-2; Graduate Student, the University of Chicago, 1892-7; Instructor in Greek and Latin, Chicago Academy, Chicago, 1892-3; Fellow in Semitic, 1893-5; Secretary to the President of the University of Chicago, 1896-7; Instructor in Biblical Literature and Latin, Kenwood Institute, Chicago, 1897-9; Assistant, the University of Chicago, 1898-1900; Associate, *ibid.*, 1900-2.

ROBERT JOHNSON BONNER, Ph.D., Instructor in Greek.

A.B., University of Toronto, 1890; Fellow in Latin, *ibid.*, 1891-3; Graduate of Ontario Law School and Member of Ontario Bar, 1894; Classical Master, Collegiate Institute, Collingwood, Ont., 1895-9; Fellow in Greek, the University of Chicago, 1899-1900; Professor of Latin, John B. Stetson University, 1900-3; Assistant in Greek, the University of Chicago, 1903-4; Ph.D., *ibid.*, 1904; Assistant in Greek and Latin, University College, *ibid.*, 1904-5; Associate in Greek, the University of Chicago, 1905-6; Instructor in Greek, *ibid.*, 1906-.

NELS SØRENSEN LAWDahl, Instructor (in the Dano-Norwegian Theological Seminary) in Church History.

Morgan Park.

Student in the Baptist Union Theological Seminary, 1890-2; in the Divinity School of the University of Chicago, 1892-4; graduated from the Dano-Norwegian Theological Seminary of the University of Chicago, 1894; Assistant in the Dano-Norwegian Theological Seminary, 1893; ordained in Kasson, Minnesota, July 11, 1893; Pastor in Kasson, May 1893-October 1895.

JOSEPHINE CHESTER ROBERTSON, A.B., Head Cataloguer.

A.B., Wellesley College, 1891; Teacher in Public Schools, Albion, N. Y., 1893-5; Instructor in Shepardson College, Granville, Ohio, 1893-9; Librarian, Northfield Seminary, 1892; Librarian, State Normal School, Trenton, N. J., 1893-4; Graduate Student, the University of the City of New York, 1896; Associate, the University of Chicago, 1894-7.

GLENN MOODY HOBBS, S.B., Ph.D., Instructor in Physics, the School of Education.

S.B., University of Illinois, 1891; Ph.D., the University of

* Resigned.

Chicago, 1905; Laboratory Assistant, University of Illinois, 1891-2; Laboratory Assistant, the University of Chicago, 1893-4; Tutor, *ibid.*, 1894-6; Assistant, *ibid.*, 1897-8; Associate, *ibid.*, 1898-1901; Instructor, *ibid.*, 1901-5; Instructor, School of Education, 1905—.

LAUDER WILLIAM JONES, Ph.D., Instructor in Chemistry.

A.B., Williams College, 1892; Fellow in Chemistry, *ibid.*, 1896-7; Ph.D., the University of Chicago, 1897; Assistant in Chemistry, *ibid.*, 1897-1900; Associate in Chemistry, *ibid.*, 1900-2.

GEORGE ELMER SHAMBAUGH, M.D., Instructor in Anatomy of the Ear, Nose, and Throat.

Ph.B., University of Iowa, 1892; M.D., University of Pennsylvania, 1895; Student at Universities of Berlin and Vienna, 1895-7; Lecturer in Otolaryngology, Chicago Polyclinic, 1898-1900; Instructor in Laryngology, Woman's Medical College, 1898-1902; Assistant in Otolaryngology, Rush Medical College, 1900-4; Instructor in Otolaryngology, *ibid.*, 1904—; Assistant Aurist to the Presbyterian Hospital, Chicago, 1902—.

ELLA ADAMS MOORE, Ph.B., Instructor in English.

A.B., De Pauw University, 1892; Instructor in Latin, De Pauw University, 1892-3; Graduate Student in English, Cornell University, 1893-4; Graduate Student in English, the University of Chicago, 1894-5; in Europe, 1897; Lecturer and Associate, *ibid.*, 1896-1903; in Europe, 1901-2.

GEORGE LINNÆUS MARSH, A.M., Ph.D., Instructor in English.

A.B., Iowa College, 1892; admitted to Iowa Bar, 1895; Graduate Student, the University of Chicago, 1898-9; A.M., *ibid.*, 1899; Fellow in English, *ibid.*, 1899-1901; Reader, *ibid.*, 1901-2; Associate, *ibid.*, 1902-4; Instructor, *ibid.*, 1904—; Special Instructor, South Side Academy, Summer, 1899; Acting Assistant in English, Morgan Park Academy, Spring, 1900; Assistant in English, Armour Institute of Technology, 1901-2; Ph.D., the University of Chicago, 1903.

HENRY CHANDLER COWLES, Ph.D., Instructor in Botany.

A.B., Oberlin College, 1893; Ph.D., the University of Chicago, 1898; Graduate Student, *ibid.*, 1894; Professor of Natural Sciences, Gates College, 1894-5; Special Field Assistant in the U. S. Geol. Survey, Summer, 1895; Fellow in Geology, the University of Chicago, 1895-6; Fellow in Botany, *ibid.*, 1896-7; Laboratory Assistant in Botany, *ibid.*, 1897-8; Assistant, *ibid.*, 1898-1901; Associate, *ibid.*, 1901-2; Instructor, *ibid.*, 1902—.

GEORGE BREND ZUG, A.B., Instructor in the History of Art.

A.B., Amherst College, 1893; Graduate Student, Harvard University, 1893-4; University of Berlin, winter, 1894-5; Paris, 1899-1900; American School at Rome, and University of Rome, winters, 1901-3.

JOHN MERLIN POWIS SMITH, Ph.D., Instructor in Semitic Languages and Literatures.

A.B., Des Moines College, 1893; Instructor in Greek, Des Moines College Academy, 1891-2; Instructor in Greek, Cedar Valley Seminary, Osage, Iowa, 1893-5; Graduate Student, the University of Chicago, 1895-7; Fellow, *ibid.*, 1897-9; Ph.D., *ibid.*, 1899; Docent in Semitic Languages and Literatures, *ibid.*, 1899-1901; Assistant, *ibid.*, 1901-2; Associate, *ibid.*, 1902-5.

ROBERT FRANKLIN HOXIE, Ph.D., Instructor in Political Economy.

Ph.B., the University of Chicago, 1893; Fellow, *ibid.*, 1893-6; Acting Professor of Political Economy, Cornell College, Iowa, 1897-8; Instructor in Economics, Washington University, 1898-1901; Acting Professor of Political Economy and Political Science, Washington and Lee University, 1901-2; Fellow, the University of Chicago, 1903; Instructor in Economics, Cornell University, 1903-6; Ph.D., the University of Chicago, 1905; Instructor in Political Economy, *ibid.*, 1906—.

ADOLF CHARLES VON NOÉ, Ph.D., Instructor in German Literature.

Abiturientenexamen, Imperial Gymnasium, Graz, Austria, 1883; Student, University of Graz, 1883-4; Assistant, *ibid.*, 1885-7; Student, University of Göttingen, 1897-9; Graduate student, the University of Chicago, 1900; A.B., *ibid.*, 1900; Instructor in German and French, and University Extension Reader, Burlington (Ia.) Institute, 1900-1; Instructor in German, Leland Stanford Jr. University, 1901-3; Fellow in German, the University of Chicago, 1903-4; Assistant in German, *ibid.*, 1904-6; Ph.D., *ibid.*, 1905; Instructor in German, *ibid.*, 1906—.

DANIEL GRAISBERRY REVELL, A.B., M.B., Instructor in Anatomy.

A.B., University of Toronto, 1894; M.B., *ibid.*, 1900; Member, Royal College of Physicians and Surgeons, 1900; Fellow in Anatomy, the University of Chicago, 1900-1; Assistant in Anatomy, *ibid.*, 1901-2; Associate, *ibid.*, 1902-3.

NORMAN MACLEOD HARRIS, M.B., Instructor in Bacteriology.

M.B., University of Toronto, 1894; M.R.C.S., England and L.R.C.P., London, 1895; Demonstrator of Bacteriology, University of Toronto, 1896-7; Assistant in Pathology, Johns Hopkins University, 1897-8; Instructor in Bacteriology, *ibid.*, 1898-1900; Associate in Bacteriology, *ibid.*, 1900-3; Graduate Student, University of Berlin, 1901.

HOWARD TAYLOR RICKETTS, A.B., M.D., Instructor in Pathology.

A.B., University of Nebraska, 1894; M.D., Northwestern Medical College, 1897; Intern, Cook County Hospital, 1898-9; Fellow in Cutaneous Pathology, Rush Medical College, 1899-1901; Assistant in Dermatology, *ibid.*, 1899-1901; Student in Germany, 1901-2; Associate in Pathology, the University of Chicago, 1902-3; Instructor in Pathology, *ibid.*, 1903—.

BASIL COLEMAN HYATT HARVEY, A.B., M.B., Instructor in Anatomy.

A.B., University of Toronto, 1894; Graduate, Normal College of Nova Scotia, 1895; M.B., University of Toronto, 1898; Assistant Demonstrator of Anatomy, *ibid.*, 1895-7; Member of College of Physicians and Surgeons, Ontario, 1898; Assistant in Anatomy, the University of Chicago, 1901-2; Associate in Anatomy, *ibid.*, 1902-4; Instructor in Anatomy, *ibid.*, 1904—.

JOHN CHARLES HESSLER, Ph.D., Instructor in Chemistry.

Teacher of Science, Lake High School, Chicago, 1890-2; Instructor in Chemistry, Hyde Park High School, Chicago, 1892-9; A.B., the University of Chicago, 1896; Ph.D., *ibid.*, 1899.

JOSEPH PARKER WARREN, Ph.D., Instructor in History.

A.B., Harvard University, 1896; A.M., *ibid.*, 1897; Ph.D., *ibid.*, 1902; Assistant in History and Government and Graduate Student, Harvard University, 1896-7, 1899-1900, 1901-2; Fellow in American History, University of Pennsylvania, 1897-8; Instructor in Government, Harvard Summer School, 1900, 1901, and 1903; Instructor in History, Leland Stanford Jr. University, 1901.

HENRY GORDON GALE, Ph.D., Instructor in Physics.

A.B., the University of Chicago, 1896; Graduate Student, *ibid.*, 1896-7; Fellow in Physics, *ibid.*, 1897-9; Ph.D., *ibid.*, 1899; Assistant in Physics, *ibid.*, 1899-1900; Associate, *ibid.*, 1900-2.

HIRAM PARKER WILLIAMSON, A.M., Instructor in French.

S.B., Middlebury College, 1896; A.M., *ibid.*, 1897; Instructor in French and German, Rugby School, Kenilworth, Ill., 1897-9; Graduate Student and Instructor in French in the John C. Green School of Science of Princeton University, 1899-1900; Assistant in Romance Languages and Literatures, the University of Chicago, 1900-1; Associate in French Literature, *ibid.*, 1901-2.

THOMAS BRUCE FREAS, A.B., Curator in Chemistry.

A.B., Leland Stanford Jr. University, 1896; Principal High School, Hiawatha, Kan., 1896-7; Chemist, Western Electric Co., 1897-8; Laboratory Inspector, Department of Chemistry, the University of Chicago, 1898-1902; Superintendent Laboratory Supply Department, University of Chicago Press, 1902; Manager Western Branch of Ernst Leitz, 1903; Curator in Chemistry, the University of Chicago, 1904-.

CHARLES CLAUDE GUTHRIE, S.B., M.D., Instructor in Physiology.

S.B., Wood Lawn Institute, 1897; Research Assistant in Veterinary Science, Missouri University, 1899-1901; M.D., *ibid.*, 1901; Fellow in Physiology, *ibid.*, 1901-2; Demonstrator of Physiology, Western Reserve University, 1902-3; Assistant in Physiology, the University of Chicago, 1903-4; Associate in Physiology, *ibid.*, 1904-5; Instructor in Physiology, *ibid.*, 1905-.

JAMES WEBER LINN, A.B., Instructor in English.

A.B., the University of Chicago, 1897; Assistant in English, *ibid.*, 1899-1900; Associate in English, *ibid.*, 1900-2; Instructor in English, *ibid.*, 1902-.

WALLACE WALTER ATWOOD, Ph.D., Instructor in Physiography and General Geology.

S.B., the University of Chicago, 1897; Ph.D., *ibid.*, 1903; Assistant Geologist, New Jersey Geological Survey, 1897; Assistant Geologist, Wisconsin Natural History Survey, 1898-9; Instructor in Physiography and Mathematics, Lewis Institute, 1897-9; Instructor in Teachers' College, the University of Chicago, 1899; Instructor in Field Geology, *ibid.*, Summers, 1898, 1899; Fellow in Geology, *ibid.*, 1899-1900; Assistant in Physiography, *ibid.*, 1901-2; Associate, *ibid.*, 1902-3; Instructor in Physiography and General Geology, *ibid.*, 1903-; Instructor in Physiography and Geology, Chicago Institute, 1900-1; Assistant Geologist United States Geological Survey, 1901-; Geologist, Illinois Geological Survey, 1906-.

PERCY HOLMES BOYNTON, A.M., Instructor in English.

A.B., Amherst College, 1897; A.M., Harvard University, 1898; Instructor in English, Smith Academy, St. Louis, 1898-1902; Reader in English, the University of Chicago, 1902-3; Acting Assistant Professor of English, Washington University, Winter Quarter, 1903; Secretary of Instruction, Chautauqua Institution, 1903-; Associate in English, the University of Chicago, 1903-5.

ROBERT MORRIS, LL.B., A.M., Instructor in Political Economy.

A.B., University of Nashville, 1897; LL.B., West Virginia University, 1899; A.B., *ibid.*, 1899; Fellow and Assistant in Political Economy, *ibid.*, 1899-1900; A.M., *ibid.*, 1900; Henry Lee Fellow in Political Economy, Harvard University, 1900-2; A.M., *ibid.*, 1902; Senior Fellow in Sociology, the University of Chicago, 1902-3; Professor of Economics and Political Science, Washington and Lee University, 1904; Instructor in Political Economy, the University of Chicago, 1904-.

HARRY DELMONT ABELLS, S.B., Instructor in Physics and Chemistry, the Academy for Boys.

Morgan Park.

S.B., the University of Chicago, 1897; Graduate Student, *ibid.*, 1898; Instructor in Chemistry and Physics, Kenwood Preparatory School, 1897-8; Academy Assistant in Introductory Year, 1898-9; Associate in Physics and Chemistry, *ibid.*, 1899-1902; Graduate Student Chemistry, *ibid.*, Summer, 1903.

ARTHUR WILLIS LEONARD, A.B., Instructor in English, the Academy for Boys.

Morgan Park.

A.B., Princeton University, 1897; Fellow in English, the University of Chicago, 1897; Instructor in Greek, Princeton University, 1898-9; Assistant in English, Class Study Department, the University of Chicago, 1899-1900; Assistant in English, the Morgan Park Academy, 1900-2; Associate, *ibid.*, 1902-4.

BURTON JESSE SIMPSON, M.D., Instructor in Anatomy.
S.B., the University of Chicago, 1897; M.D., Rush Medical College, 1900.

EDITH FOSTER FLINT, Ph.B., Instructor in English.

Ph.B., the University of Chicago, 1897; Graduate Student, *ibid.*, 1897; Assistant in English, *ibid.*, 1897-8; Associate in English, *ibid.*, 1898-1900; Departmental Examiner in English, *ibid.*, 1899-1900; Head of Kelly House, *ibid.*, 1898-1900; Grade Teacher, Chicago Institute, 1900; Instructor in English, Correspondence-Study Department, the University of Chicago, 1900-6.

TREVOR ARNETT, A.B., University Auditor.

A.B., the University of Chicago, 1898; Fellow in Political Economy, *ibid.*, 1899-1900; University Auditor, *ibid.*, 1901-.

WILLIAM PIERCE GORSUCH, A.B., Instructor in Public Speaking.

A.B., Knox College (Ill.), 1898; Assistant in English, *ibid.*, 1898; Tutor in Public Speaking, 1898-9; Instructor in Public Speaking, Duluth High School, 1900; Assistant in Public Speaking, the University of Chicago, 1900-3; Associate, *ibid.*, 1902-3; Instructor, *ibid.*, 1903-.

NOTT WILLIAM FLINT, S.B., Instructor in English.*

S.B., the University of Chicago, 1898; Graduate Student in English, *ibid.*, 1898-9; Instructor in English, *ibid.*, 1899-1900; Chicago Institute, 1900-1; Critic Teacher, Seventh Grade, the School of Education, 1901; Associate in English, the University of Chicago, 1902-4.

BENSON AMBROSE COHOE, A.B., M.B., Instructor in Anatomy.†

A.B., University of Toronto, 1896; M.B., *ibid.*, 1901; Assistant in Biology, *ibid.*, 1900-1; Instructor in Anatomy, Cornell University, 1901-3; Associate in Anatomy, the University of Chicago, 1903-.

ARTHUR CONSTANT LUNN, A.M., Ph.D., Instructor in Applied Mathematics.

A.B., Lawrence University, 1898; A.M., the University of Chicago, 1900; Graduate Student, *ibid.*, 1898-9; Fellow in Astronomy, *ibid.*, 1899-1901; Assistant, *ibid.*, Summer Quarters, 1900, 1901; Ph.D., *ibid.*, 1904; Instructor in Mathematics, and Astronomy, Wesleyan University, Conn., 1901-2.

FRANK LELAND TOLMAN, Ph.B., Head of Loan Department.

Ph.B., the University of Chicago, 1899; Graduate Student, *ibid.*, 1899-1901; Assistant, Loan Department, 1899-3; Associate, 1903-5.

JOHN BROADUS WATSON, Ph.D., Instructor in Experimental Psychology.

A.M., Furman University, 1899; Principal, Batesburg Institute, Batesburg, S. C., 1899-1900; Graduate Student, the University of Chicago, 1900-1; Fellow in Psychology, *ibid.*, 1901-3; Ph.D., *ibid.*, 1903; Assistant in Experimental Psychology, *ibid.*, 1903-4.

HENRY PORTER CHANDLER, A.B., J.D., Instructor in English; Secretary to the President.

A.B., Harvard University, 1901; Associate in English, the University of Chicago, 1901-3; Assistant Head of Hitchcock House; J.D., the University of Chicago, 1906.

WILLIAM LAWRENCE TOWER, S.B., Instructor in Embryology.

Harvard University, 1893-6; Lawrence Scientific School, 1898-9; Graduate School, Harvard University, 1899-1900; S.B., the University of Chicago, 1902; Assistant in Entomology, Massachusetts Department of Agriculture, 1893-4; Assistant in Zoology, Harvard College, 1895-6; Instructor in Zoology, Central High School, Akron, Ohio, 1897-8; Assistant in Zool-

*Deceased.

†Resigned.

ogy, Harvard University, 1898-1900; Radcliffe College, 1899-1900; Professor of Biology and *Hoagland* Professor of Physiology, Antioch College, 1900-1; Assistant in Embryology, the University of Chicago, 1901-3; Associate in Embryology, *ibid.*, 1903-4; Instructor in Embryology, *ibid.*, 1904—.

CHARLES HENRY BEESON, A.M., Instructor in Latin.

A.B., Indiana University, 1893; A.M., *ibid.*, 1895; Tutor in Latin, *ibid.*, 1895-5; Instructor in Latin, *ibid.*, 1895-6; Graduate Student, the University of Chicago, 1896-7; Head Instructor in Latin and Greek, Peoria High School, 1897-1901; Fellow in Latin, the University of Chicago, 1901-3; Student, University of Munich, 1903-5.

GERTRUDE DUDLEY, Instructor in Physical Culture.

Mt. Holyoke College, 1887-90; Anderson Normal School, 1894-6; Baron Posse Summer School, Boston, 1895; Assistant, Chautauqua School of Physical Education, 1896; Teacher of Gymnastics and Physiology, the Misses Mackie School, Newburgh, N. Y., 1896-8; Emerson's Summer School, 1897; Department of Physical Culture, the University of Chicago, 1898—. Dean of Women and Lecturer, School of Physical Education, Yale University, Summer, 1905.

LILLIAN SOPHIA CUSHMAN, Instructor in Art, the College of Education.

Art Students' League, New York, 1887-9; Art Institute, Chicago, 1889-91; Instructor in Drawing, Art Institute, 1891; Art Instructor, Kemper Hall, Kenosha, 1893; Ferry Hall, Lake Forest University, 1894-7; Laboratory School, the University of Chicago, 1897-1903; Supervisor of Art in Grammar and High Schools, Highland Park, 1897-1902; Secretary of Drawing Teachers Section, National Educational Association, 1903.

ELEANOR SMITH, Instructor in Music, the School of Education.

Graduate Cook County Normal School; Student for three years in Hershey Music School, Chicago; Pupil of Julius Hey, Moritz Misakowski, and Ludwig Buseler, Berlin, 1899-92; Instructor of Music in Chicago Kindergarten College, Froebel Kindergarten School; Founder of Hull House Music School, 1895.

CLARA ISABEL MITCHELL, Instructor in Domestic Art and Textiles, the College of Education.

Graduate, Englewood High School, 1883; Graduate, Cook County Normal School, 1885; teacher, Englewood Public School, 1885-8; Cook County Normal School, 1892-5; the University of Chicago Elementary School, 1896-7; Chicago Normal School, 1897-9; Student, Pennsylvania School of Applied Art, 1899-1900; teacher, Chicago Institute, 1900-1.

IRA B. MEYERS, Instructor in the Teaching of the Natural Sciences, and Curator of the Museum, College of Education.

Graduate, State Normal School, California, Pa., 1892; Post Graduate, Cook County Normal School, 1894; taught, County School, Somerset County, Pa., 1888-9; Markleysburg schools, 1890-1; Science and Geography, Kahoka Normal School, 1893; Assistant in Science, Cook County Normal School, 1894-6; Chicago Normal School, 1896-9; Student of Museum Methods, Philadelphia, New York, and Washington, 1899-1900; Curator, Chicago Institute, 1900-1.

BERTHA PAYNE, Instructor in Kindergarten Training, the School of Education.

Graduate, Home School, Racine, Wis., 1884; Chicago Froebel Association, 1886; taught Cook County Normal School Kindergarten, 1885-7; Chicago Public Schools, 1887-90; St. Margaret's, Chicago, 1890-1; Student, the William L. Tomlins Teachers' Institute, 1891-2; Chicago Froebel Association, Post Graduate Course, 1892-3; taught singing, La Grange Public Schools, 1892-3; Assistant in Training Department, Chicago Froebel Association, 1893-6; Principal of Training Department, *ibid.*, 1896-9; Student, the University of Chicago and Chicago Teachers' College, 1897-9; University of Leipzig, 1899-1900; Teacher, Chicago Institute, 1900-1.

ANTOINETTE BELLE HOLLISTER, Instructor in Clay-working and Ceramics, the College of Education.

Student, Art Institute, Chicago; Student with M. Ingalbert and M. Rodin, Paris.

GEORGIA LOUISE CHAMBERLIN, Secretary in the American Institute of Sacred Literature, the University Extension Division.

Graduate, High School, Plainfield, N. J., 1878; Private Study, 1878-82; Reader, Chautauqua Literary and Scientific Circle, 1882-90; Chautauqua Summer Schools, 1883-98; Secretary, American Institute of Sacred Literature, 1891-1915; private classes in Biblical Literature, 1896-1905; conducted courses in Biblical Literature and Pedagogy, University College, the University of Chicago, 1904—.

FREDERICK LESLIE RANSOME, Ph.D., Lecturer on Ore Deposits (Winter Quarter, 1907).

S.B., University of California, 1893; Ph.D., *ibid.*, 1895; Fellow in Mineralogy, *ibid.*, 1893-6; Assistant in Mineralogy and Petrography, Harvard University, 1896-7; Geologist, United States Geological Survey.

PERCY BERNARD ECKHART, Ph.B., LL.B., Lecturer on Public Service Companies and Carriers, and Damages.

Ph.B., the University of Chicago, 1899; LL.B., Harvard University, 1902; practiced law, Chicago, 1902; Lecturer, the University of Chicago Law School, 1903—.

HAYDN EVAN JONES, Ph.D., Associate in History, the Academy for Boys, Morgan Park.

A.B., Richmond College, Richmond, Va., 1890; Fellow in Semitic Languages, the University of Chicago, 1895-8; Ph.D., *ibid.*, 1898; Assistant in History, Academy for Boys, Morgan Park, Ill., 1899-1903.

JOHN JACOB MEYER, Ph.D., Associate in German.

Graduate of Concordia College, Fort Wayne, Ind., 1891; Graduated from Concordia (Theological) Seminary, St. Louis, Mo., 1894; Graduate Student, the University of Chicago, 1898-1900; Fellow, *ibid.*, 1899-1900; Ph.D., *ibid.*, 1900; Assistant, *ibid.*, 1900-2; Associate, *ibid.*, 1902—.

ANNETTE COVINGTON, A.B., Associate in Art, the College of Education.

A.B., Western College for Women, 1895; Art Student in Cincinnati, New York, and Europe with Mr. Clement J. Barnhorn, Mr. J. Twachtman, Mr. William M. Chase, Mr. Arthur Dow, Mr. Henry Mosler; Member of the American Society of Fine Arts, of New York, 1893; Paintings exhibited, Cincinnati Art Museum and Indianapolis, 1902-3; Drawings shown at Minneapolis and Boston, 1903; Teacher, Lake Forest University, 1898-1902.

SAMUEL ALEXANDER MATTHEWS, M.D., Associate in Pharmacology.*

M.D., University of Michigan, 1895; Graduate, Washington Academy (classical course), 1886; Principal, High School, Ainsworth, Iowa, 1887-9; Student, University of Michigan, 1890-6; Assistant in Physiological Chemistry and Pharmacology, *ibid.*, 1893-4; Member of Staff, Internal Medicine, University Hospital, *ibid.*, 1894-5; Instructor in, and Demonstrator of, Pharmacology, *ibid.*, 1895-7; Docent in Physiology, the University of Chicago, 1898-9; Physician to the American Salt Company, Belle Isle, La., 1900-2; Assistant in Pharmacology, the University of Chicago, 1903-4; Associate in Pharmacology, *ibid.*, 1904—.

WILLIS BOIT HOLMES, Ph.D., Associate in Chemistry.

A.B., Harvard University, 1896; A.M., *ibid.*, 1897; Assistant in Chemistry, *ibid.*, 1896-7; Ph.D., Johns Hopkins University,

* Resigned.

- 1899; Instructor, Massachusetts Institute of Technology, 1900; Research and Laboratory Assistant, the University of Chicago, 1900-3; Professor of Chemistry, University of Montana, 1905.
- SUSAN HELEN BALLOU, Ph.B., Associate in Latin.**
Ph.B., the University of Chicago, 1897; Graduate Scholar in Latin, *ibid.*, 1897-8; Assistant in Latin, *ibid.*, 1898-1900; Associate in Latin, *ibid.*, 1901-; Traveling Fellow of the Association of Collegiate Alumnae, and member of the American School of Classical Studies at Rome, 1901-2.
- FLORENCE LYON, S.B., Ph.D., Associate in Botany.**
Student University of Michigan, 1879-82; Principal of High School, Owosso, Mich., 1882-3; Science Teacher, Detroit High School, 1883-6 and 1887-96; Student, University of Michigan, 1886-7; S.B., the University of Chicago, 1897; Fellow in Botany, *ibid.*, 1898-9; Instructor in Botany, Smith College, 1900-1; Ph.D., the University of Chicago, 1901.
- LESTER BARTLETT JONES, A.B., Associate, and Director of Music.**
A.B., Knox College, 1897; Teacher of Oratory and English, Ottawa University, Kan., 1897-8; Graduate Student in English, the University of Chicago, 1898-9; Director of Music, *ibid.*, 1901-.
- REUBEN MYRON STRONG, Ph.D., Associate in Zoology.**
A.B., Oberlin College, 1897; Instructor in Zoology and Physics, Lake Forest Academy, 1897-8; Graduate Student in Zoology, Harvard University, 1898-1901; A.M., Harvard University, 1899, and Ph.D., 1901; Assistant in Botany and Physiology, Morgan Park Academy, 1901-2; Instructor in Biology, Haverford College, 1902-3; Carnegie Research Assistant, 1903-4.
- JOHN THOMAS LISTER, A.B., Assistant in German and French, the Academy for Boys. Morgan Park.**
A.B., Butler College, 1897; Acting Professor of Modern Languages, Eureka College, 1898-9; Graduate Student, the University of Chicago, 1899-1900; Summer Quarters, 1898, 1900, 1902, 1903; Student, University of Geneva, Switzerland, Summer, 1901; Professor of Modern Languages, Colorado State Normal School, 1900-3; Academy Assistant in German and French, 1903-5.
- JOSEPH MADISON SNIFFEN, A.B., Associate in Physiology and Botany, the Academy for Boys. Morgan Park.**
A.B., Cornell College, 1898; A.B., Harvard University, 1902; Instructor in Greek, Summer School, Cornell College, 1897; Principal of High Schools, 1898-1901; Student, the University of Chicago, Summer Quarters, 1902-3-4; Assistant, Academy for Boys, Morgan Park, 1902-4.
- HENRIETTA KATHERINE BECKER, Ph.D., Associate in German.**
A.B., the University of Chicago, 1900; Graduate Student, *ibid.*, 1900-1; Fellow in German, *ibid.*, 1901-2; Ph.D., *ibid.*, 1903.
- SAUL EPSTEIN, Ph.D., Associate in Mathematics.**
S.B., University of California, 1900; Ph.D., University of Zürich, Switzerland, 1901; Student, University of Göttingen, 1901-2; Docent in Mathematics, the University of Chicago, 1902-3; Assistant in Mathematics, *ibid.*, 1903-4; Associate Editor, *School Science and Mathematics*.
- MILTON ALEXANDER BUCHANAN, A.B., Associate in Romance Languages.***
A.B., University of Toronto, 1901; Fellow, the University of Chicago, 1901-2; Student at the École des Hautes Études, Paris, 1902-3; Student in Madrid, 1903-4; Assistant in French, the University of Chicago, 1903-4.
- CHARLES GOETTSCH, A.B., Ph.D., Associate in German.**
A.B., the University of Chicago, 1901; Graduate Student, *ibid.*, 1901-; Fellow in German, *ibid.*, 1902-4; Assistant in German, *ibid.*, 1903-5; Ph.D., *ibid.*, 1906.
- HENRI CHARLES EDOUARD DAVID, A.M., Associate in French.**
École Monge, Paris, 1881-8; Student and Teacher of French, French-American College, Springfield, Mass., 1897-1900; A.B., the University of Chicago, 1902; Graduate Student, *ibid.*, 1902-; Instructor in French, the Oxford School, Chicago, 1900-2; Assistant in French, the University of Chicago, 1902-4.
- CHARLES ANDREWS HUSTON, A.B., Associate in English.***
A.B., the University of Chicago, 1902; Fellow, in Political Economy, *ibid.*, 1902-3; Assistant in English, *ibid.*, 1903-4; Associate in English, *ibid.*, 1904-.
- ALBERT WOELFEL, M.D., Associate in Physiology.**
M.D., University of Leipzig, 1902; Instructor, Rush Medical College, 1903; Associate in the Memorial Institute for Infectious Diseases, Chicago, 1903-4.
- DAVID ALLAN ROBERTSON, A.B., Associate in English; Head of Snell House.**
A.B., the University of Chicago, 1902; Graduate Student in English, *ibid.*, 1902-; Fellow in English, *ibid.*, 1904-5; Reader in English, *ibid.*, 1902-4; Assistant in English, *ibid.*, 1904-5; Associate in English, *ibid.*, 1905-; Head of Snell House, 1905-6.
- SAMUEL NORTHRUP HARPER, A.B., Associate in the Russian Language and Literature.**
A.B., the University of Chicago, 1902; Graduate, L'École des Langues Orientales, Paris, 1905.
- BERTRAM GRIFFITH NELSON, A.B., Associate in Public Speaking.**
A.B., the University of Chicago, 1902.
- EDITH ETHEL BARNARD, S.B., Associate in Quantitative Analysis.**
S.B., the University of Chicago, 1903.
- EARLE BROWNELL BABCOCK, Ph.B., Associate in French.**
Ph.B., the University of Chicago, 1903; Instructor, Ethical Culture School, New York, 1903-3; Associate in French, the University of Chicago, 1905-.
- IRENE WARREN, Librarian, and Associate in School-Library Economy, the College of Education.**
Graduate Library School of Armour Institute of Technology, 1896; Organizer of Library Staff, *ibid.*, 1894; Director, Library Department, State Normal School, Stevens Point, Wis., 1896; Librarian, Chicago Normal School, 1897-9; Librarian, Chicago Institute, 1900-1.
- FREDERICK WILLIAM SCHENK, Law Librarian.**
Assistant Librarian, Boston Y. M. C. A. Library, 1897-1900; Cataloguer, Harvard Law Library, 1900-2; Special Student, Harvard University, 1900-2; Student, Amherst Library School, Summer, 1901; Law Librarian, the University of Chicago, 1902-.
- ANNETTE BUTLER, Associate in Wood-working, the School of Education.**
Normal Course in Sloyd with Miss Anna Murray, 1896; Teacher, Settlement Work, 1898-8; Seward Vacation School, 1897; Harvard School, 1897-8; Arcady Sloyd School, Montecito, Cal., 1898-1901; Student, Training School, Näs, Sweden, 1900; inspecting the Methods of Manual Training in London, Gothenburg, Copenhagen, Brussels, and at the Paris Exposition, 1900.
- MISS MARY E. McDOWELL, Head Resident of the University of Chicago Settlement; Assistant in Sociology.**
- FRANCES ADA KNOX, A.B., Assistant in History.**
A.B., University of Minnesota, 1882; Assistant, State High School, Austin, Minn., 1882-3; Principal, Preparatory School, Salem, Ore., 1884-93.

* Resigned.

ERRETT GATES, D.B., Ph.D., Assistant (the Disciples' Divinity House) in Church History.

A.B., Ohio Normal University, 1887; Divinity Student, Union Theological Seminary, 1891-4; Pastor, Grand Rapids, Mich., 1894-7; Pastor, Hyde Park, Chicago, 1897-1900; Student, the University of Chicago, 1898-; A.B., *ibid.*, 1899; D.B., *ibid.*, 1900; Ph.D., *ibid.*, 1902.

STORRS BARROWS BARRETT, A.B., Secretary and Librarian of the Yerkes Observatory.

Williams Bay, Wis.

A.B., University of Rochester, 1889; Principal, Middlebury Academy, Wyoming, N. Y., 1889-91; Teacher of Science, High School, Palmyra, N. Y., 1891-2; Graduate Student, the University of Chicago, 1892-5; Fellow in Astrophysics, *ibid.*, 1893-5.

ELIZABETH HOPKINS DUNN, A.M., M.D., Research Assistant in Neurology.

A.B., Iowa College, 1889; A.M., *ibid.*, 1892; M.D., Northwestern University Woman's Medical School, 1894; Instructor in Physiology, *ibid.*, 1901-2; Clinical Assistant in Nervous Diseases, *ibid.*, 1898-1901; Assistant Professor of Nervous Diseases, *ibid.*, 1901-; Graduate Student, the University of Chicago, 1898-1901; Clinical Assistant in Nervous and Mental Diseases, Rush Medical College, 1902-; Technical Assistant in Neurology, the University of Chicago, 1901-3; Research Assistant in Neurology, *ibid.*, 1903-.

CORA BELLE PERRINE, A.B., Head of Accession Department.

A.B., Wellesley College, 1891; Graduate Student, the University of Chicago, 1892-3.

MAUDE LAVENIA RADFORD, Ph.B., Ph.M., Assistant in English, University College.

Ph.B., the University of Chicago, 1894; Scholar in English, *ibid.*, 1894-6; Ph.M., *ibid.*, 1896; Lecturer in English, Class Study Department, the University Extension Division, *ibid.*, 1896-8; Assistant in English, University College, *ibid.*, 1898-.

WILLIAM BURNETT MCCALLUM, Ph.D., Assistant in Botany.

B.S.A., University of Toronto, 1894; Instructor in Biology, Ontario Agricultural College, Guelph, Ont., 1896-8; Head of Department of Biology, Armour Institute of Technology, Chicago, 1891-3; Professor of Biology, Wisconsin State Normal School, Platteville, Wis., 1892-3; Ph.D., the University of Chicago, 1904.

ANNA SOPHIA PACKER, A.B., Accession Assistant.

A.B., the University of Chicago, 1895; Instructor, Montclair, N. J., Public School, 1895-8.

ERNEST DE KOVEN LEFFINGWELL, A.M., Research Assistant in Geology.

A.B., Trinity College, 1895; A.M., *ibid.*, 1899; Instructor in Science, St. Alban's School, Knoxville, Ill., 1895-6; Graduate Student, the University of Chicago, 1896-7, 1902-3, 1904-5; Superintendent, St. Alban's School, Knoxville, Ill., 1903-4.

THOMAS MATHESON WILSON, A.B., S.M., Assistant in Physiology.

A.B., Toronto University, 1896; Professional Specialist in Science, Hamilton, Ont., 1897; Head Master's Certificate, Province of Ontario, 1900; High School Teacher, Ontario, 1897-1902; S.M., the University of Chicago, 1904; Fellow in Physiology, *ibid.*, 1904; Assistant, *ibid.*, 1905-.

ELLIOT SNELL HALL, Ph.D., Research Assistant in Chemistry.

A.B., Amherst College, 1896; German Universities, 1898-9; Graduate Student, Johns Hopkins University, 1899-1900; Assistant in Chemistry, Cornell University, 1900-1; Fellow in Chemistry, Johns Hopkins University, 1903-4; Ph.D., *ibid.*, 1904.

MARY HEFFERAN, Ph.D., Assistant and Curator of the Bacteriological Museum.

A.B., Wellesley College, 1896; A.M., *ibid.*, 1898; Fellow in Zoology and in Bacteriology, the University of Chicago, 1899-1902; Curator of the Bacteriological Museum, *ibid.*, 1902-; Ph.D., *ibid.*, 1903; Assistant and Curator, 1904-.

ANNE STUART DUNCAN, B.L., Second Loan Desk Assistant.

B.L., University of Michigan, 1897; Library Course, the University of Chicago, 1904-5.

OSKAR ECKSTEIN, Ph.D., Research Assistant in Chemistry.

Abiturientexamen, Gymnasium, Munich, Germany, 1897; Doctor de Sciences Physiques, University of Geneva, 1900; Assistant in Chemistry, *ibid.*, 1900-2; Privat-Dozent, *ibid.*, 1902; Instructor in Organic Chemistry, Tufts College, 1902-4.

ARTHUR GRANT STILLHAMER, A.M., Assistant in Astrophysics, the Yerkes Observatory.

Williams Bay, Wis.

S.B., Illinois Wesleyan University, 1898; Assistant in Chemistry, *ibid.*, 1898-9; A.M., *ibid.*, 1900; Graduate Student, the University of Chicago, 1901-3; Fellow in Physics, *ibid.*, 1903-5.

SHINKISHI HATAI, Ph.D., Assistant in Neurology.

Graduate of Science Department of Tohokugakuin of Sendai, Japan; Assistant in Biology, First High School of Tokio, Japan, 1898-9; Fellow, the University of Chicago, 1899-1901; Ph.D., *ibid.*, 1902; Instructor, University of Cincinnati, 1900-1.

HUGH MCGUIGAN, S.B., Assistant in Physiological Chemistry.

S.B., North Dakota Agricultural College, 1896; Instructor in Chemistry, *ibid.*, 1896-1903; Assistant Professor, *ibid.*, 1903-4; Scientific Aid Bureau of Chemistry, United States Department of Agriculture, 1901; Student, University of Michigan, 1901-2; Fellow, the University of Chicago, 1903.

HEINRICH HASSELBRING, S.B., Assistant in Botany.

S.B., Cornell University, 1899; Assistant in Botany, *ibid.*, 1899-1900; First Assistant Horticulturist, New York Agricultural Experiment Station, 1900-1; Assistant in Plant Pathology, Agricultural Experiment Station, University of Illinois, 1901-3.

ALBERT ELLSWORTH HILL, A.B., Assistant in English.

A.B., the University of Chicago, 1899; Instructor in English, High School, Peoria, Ill., 1899-1900; Superintendent, City Schools, Lake Forest, Ill., 1900-4; Librarian of the Modern Language Libraries, 1904-6.

JOHN SUNDWALL, Ph.B., S.B., Assistant in Anatomy.

Ph.B., Central University of Utah, 1900; Principal Kaysville Layton School, Utah, 1900-2; Graduate Student, the University of Chicago, 1902-5; S.B., *ibid.*, 1905; Fellow in Anatomy, *ibid.*, 1905-6, 1906-7; Assistant in Anatomy, *ibid.*, 1906-.

JAMES HENRY LEES, S.M., Research Assistant in Geology.

Student, Iowa State Normal School, 1890-3, 1896-7; Assistant Principal, Greene, Ia., High School, 1898-9; A.B., Coe College, 1901; Graduate Student, State University of Iowa, 1901-3; Scholar in Geology, *ibid.*, 1901-2; Fellow in Geology, *ibid.*, 1902-3; S.M., *ibid.*, 1903; Graduate Student, the University of Chicago, 1903-6; Fellow in Geology, *ibid.*, 1903-4; Research Assistant in Geology, *ibid.*, 1904-6.

JOEL ERNEST CARMAN, S.B., Research Assistant in Geology.

S.B., Simpson College, 1901; M.D., Iowa State Normal School, 1903; Research Assistant, the University of Chicago, 1905-.

HERBERT L. SOLYOM, S.M., Volunteer Research Assistant, the Yerkes Observatory.

Williams Bay, Wis.

S.B., Columbian University, 1902; S.M., *ibid.*, 1903; Examiner, United States Patent Office, 1902-5; Observer, United States Weather Bureau, 1905-; Volunteer Research Assistant, Yerkes Observatory, 1905-6.

EDWIN GARVEY KIRK, S.B., Assistant in Anatomy.

Wood's Holl Scholarship, Zoology, 1902; S.B., the University of Chicago, 1902; Assistant in Zoology and Embryology, *ibid.*, 1902-4; Fellow in Anatomy, *ibid.*, 1905-5; Fellow in Pathology, *ibid.*, Summer Quarters 1904, 1905; Member Association of American Anatomists; Assistant in Anatomy, the University of Chicago, 1905.

WILLIAM JESSE GOAD LAND, Ph.D., Assistant in Morphology.

Principal, Rome Academy, 1898-4; Principal, High School, Grand Rivers, Ky., 1894-5; Superintendent of Schools, Ashley, Ill., 1895-1901; S.B., the University of Chicago, 1902; Fellow in Botany, *ibid.*, 1903; Ph.D., *ibid.*, 1904; Assistant in Morphology, *ibid.*, 1904-.

OSCAR RIDDLE, A.B., Laboratory Assistant in Zoology.

Teacher of Biology, Training School of Porto Rico, San Juan, P. R., 1899-1901; A.B., Indiana University, 1902; Graduate Student, the University of Chicago, 1902-3; Teacher of Biology, Central High School, St. Louis, Mo., 1903-4; Laboratory Assistant in Zoology, 1904-.

HARLAN HARLAND BARROWS, S.B., Assistant in Geology.

Graduate, Ypsilanti Normal School, 1896; Teacher of Geography and History, Ferris Institute, Big Rapids, Mich., 1896-1901; S.B., the University of Chicago, 1903; Graduate Student, *ibid.*, 1903-; Instructor in University College, *ibid.*, 1903-.

ROBERT WILHELM HEGNER, S. M., Laboratory Assistant in Zoology.

S.B. the University of Chicago, 1903; S.M., *ibid.*, 1904; Assistant in Nature Study, the School of Education, *ibid.*, 1904-5; Laboratory Assistant in Zoology, *ibid.*, 1905-6.

HANNAH VERONICA RYAN, Ph.B., Librarian of the Historical Group Library.

Ph.B., the University of Chicago., 1903; Cataloguer for Historical Group, *ibid.*, 1903; Teacher in Cook County Schools, 1903-4; Teacher in High School, Chicago, 1904; Graduate Student, the University of Chicago, Summer Quarter, 1905; Librarian of the Historical Group, *ibid.*, 1905-.

TILDEN HENDRICKS STEARNS, A.B., Assistant in Physical Culture and Director of the Gymnasium, the Academy for Boys. *Morgan Park.*

A.B., Brown University, 1903; Graduate Student, Harvard University, 1903-5; Graduate Student the University of Chicago, 1905; Assistant Director of Physical Training and Instructor in Swimming, Brown University, 1902-3; Director of Physical Training and Swimming, Pawtucket Boy's Club, 1901-3; Director of the Department of Physical Training, Y. M. C. A., Cambridge, Mass., 1903-5.

VICTOR ERNEST SHELFORD, S.B., Laboratory Assistant in Zoology.

S.B., the University of Chicago, 1903; Tutor in Zoology, West Virginia University, 1901; Preparator, Department of Zoology, the University of Chicago, 1903-4; Graduate Scholar in Zoology, *ibid.*, 1903-4; Assistant in Zoology, *ibid.*, Summer Quarter, 1905; Laboratory Assistant in Zoology, *ibid.*, 1904-6.

JAMES CLAUD BAIRD, A.B., Assistant in Manual Training, the Academy for Boys. *Morgan Park.*

Graduate, Stanberry Normal School, Missouri, 1899; A.B., University of Missouri, 1903; Assistant in Manual Training, *ibid.*, Summer, 1903; Student, the University of Chicago, Summer Quarters, 1904, 1905.

EMIL GOETTSCH, S.B., Assistant in Anatomy.

S.B., the University of Chicago, 1903; Scholar in Anatomy, *ibid.*, 1903-4; Fellow, *ibid.*, 1904-5; Assistant in Anatomy, *ibid.*, 1905-.

RUTH ABBOTT, B.L.S., Assistant in Library, School of Education.

B.L.S., University of Illinois State Library School, 1903.

EUGENE WESLEY SHAW, S.B., Assistant in Geology.

Teacher of Botany, Preparatory Department, Ohio Wesleyan University, 1903-5; Assistant in Geology, Ohio Wesleyan University, 1904-5; Assistant in Zoology, *ibid.*, 1905; S.B., *ibid.*, 1905; Fellow in Geology, the University of Chicago, 1905-6; Assistant in Geology, *ibid.*, 1905-.

SAMUEL HENRY AYERS, S.B., Assistant in Bacteriology.

S.B., Massachusetts Institute of Technology, 1905.

DENNIS EMERSON JACKSON, Assistant in Physiological Chemistry.

HANNAH LOUISA LIVERMORE, Assistant in Physical Culture.

Graduate, New Jersey State Normal School, 1900; Anderson Normal School of Gymnastics, 1902; Chautauqua School of Physical Education, 1903; Yale Summer School of Physical Education, 1905; Assistant Instructor in Gymnastics, *ibid.*, 1905.

RAGNHILD GULBRANSEN, Technical Assistant in Pathology.

Graduate of Academy, Kristiania, Norway, 1890; Student of Natural Science, Kristiania and Berlin, 1895-8; Assistant in Clinical Laboratory, Lying-in Hospital of the City of New York, 1902-3; Technical Assistant in Pathology, the University of Chicago, 1903-.

SABELLA RANDOLPH, Assistant in Clay-Modeling, the College of Education.

MARY LOUISE BATES, Librarian of the Classical Libraries.

Student, Syracuse University, 1903-5; Certificate in Library Economy, *ibid.*, 1905.

SARAH ELLEN MILLS, Librarian of the George C. Walker Library. *Morgan Park.*

Assistant in Library of Baptist Union Theological Seminary, 1890-2; Librarian, Morgan Park Village Library, 1890-4; Librarian, George C. Walker Library, 1894-.

OSCAR ANDREW KNUDSON, Assistant in Physical Culture.

Instructor in Swimming, Chicago Young Men's Christian Association, 1894-1903.

WILLIAM CLINTON ALDEN, Ph.D., Docent in Geology.

A.B., Cornell College, 1893; Assistant Principal of High School, Parker, South Dakota, 1893-4; Principal of Schools, Centerville, South Dakota, 1894-5; Fellow in Geology, the University of Chicago, 1897-8; A.M., *ibid.*, 1898; Special Field Assistant, United States Geological Survey, 1898-1901; Assistant Geologist, United States Geological Survey, 1901-; Ph.D., the University of Chicago, 1903.

GHEIN-ICHIRO YOSHIOKA, Ph.B., Docent in Japanese.

Ph.B., Northwestern University, 1902.

EDMUND BUCKLEY, Ph.D., Docent in Comparative Religion. (Summer Quarter.)

A.B. and A.M., University of Michigan, 1884; Student in Berlin and London, 1884-6; Professor of Philosophy, Doshisha College, Kyoto, Japan, 1886-92; research in China, India, Egypt, and Palestine, 1892-3; Fellow, the University of Chicago, 1893-4; Ph.D., *ibid.*, 1894; Docent in Comparative Religion, *ibid.*, 1894-.

UNIVERSITY EXTENSION LECTURERS

RICHARD BURTON, A.B., Ph.D., L.H.D., Professorial Lecturer in English Literature.

A.B., Trinity College, 1883; L.H.D., *ibid.*, 1902; Ph.D., Johns Hopkins University, 1887; Instructor in Old English, *ibid.*, 1887-8; Professor of English Literature, University of Minnesota, 1898-1902.

TOYOKICHI IYENAGA, Ph.D., Professorial Lecturer in Political Science.

Ph.B., Oberlin College, 1887; Ph.D., Johns Hopkins University, 1890; Professor of Political Science, Waseda University, Tokio; Lecturer in History, Keiojuku University, Tokio, 1891-4; Professor Higher Commercial College, Tokio, 1894-7; Lecturer in Political Science, the University of Wisconsin, 1902; Lecturer in Political Science, the University of Chicago, 1902-3; Associate Professorial Lecturer in Political Science, *ibid.*, 1903-5.

NATHANIEL I. RUBINKAM, Ph.D., Lecturer in English.

A.B., Princeton College, 1874. Student at Halle University, 1874-5; Theological Diploma (same as D.B.) Princeton Theological Seminary, 1875; Student at Berlin, Baale, and Paris, 1888-92; Ph.D., Baale University, 1891; In Germany and England, 1899-1901; Lecturer in German and English Literature, the University of Chicago, 1892-.

DAVID BEATON, A.M., D.B., Lecturer in General Literature.

A.M., University of Edinburgh, 1876; D.B., Theological Hall, Edinburgh, Scotland Congregational Church, 1879; President of Redfield College, South Dakota, 1881-6; Superintendent and Pastor, St. John's, Newfoundland, 1886-91; Pastor Lincoln Park Congregational Church, Chicago, 1891-1906; Lecturer in General Literature, University Extension Division, the University of Chicago, 1906-.

JANE ADDAMS, LL.D., Lecturer in Sociology.

A.B., Rockford College, 1881; Head Resident of Hull House, Chicago; LL.D., University of Wisconsin, 1904.

HORACE SPENCER FISKE, A.M., Lecturer in English Literature; Assistant Recorder.

A.B., Beloit College, 1882; A.M., University of Michigan, 1885; A.M., Beloit College, 1885; Instructor, Beloit College Academy, 1886-7; Chair, Political Economy and Civics, Wisconsin State Normal School, 1887-93; Elected to Fellowship in English at University of Wisconsin, 1892; Student at Universities of Oxford and Cambridge, and Trinity College, Dublin, 1893-4; Lecturer in English Literature, University Extension Division, the University of Chicago, 1894-; Literary Editor of the *World Review*, Chicago, 1901-2; Assistant Recorder, the University of Chicago, 1903-.

EDWARD ALFRED STEINER, Ph.D., Lecturer in Slavic History and Literature.

Gymnasium, Pilsen, Bohemia, 1881; Ph.D., University of Heidelberg, 1886; D.B., Theological Seminary, Oberlin, O., 1891; Graduate Studies, University of Berlin, 1902-3; Professor of Applied Christianity, Iowa College, 1903-.

JAMES SAMUEL KIRTLEY, A.B., D.D., Lecturer in Biblical Literature and History.

A.B., Georgetown College, 1883; D.D., *ibid.*, 1894; Student, Southern Baptist Theological Seminary, 1884-6; Student, the University of Chicago, Summer Quarter, 1896; Pastor, Baptist Church, Versailles, Ky., 1883-9; Pastor, Delmar Avenue Baptist Church, St. Louis, Mo., 1893-96; Pastor, Second Baptist Church, Little Rock, Ark., 1896-9; Pastor, Westport Baptist Church, Kansas City, Mo., 1899-1903; Pastor, First Baptist Church, Elgin, Ill., 1903-.

WILLIAM NORMAN GUTHRIE, L.B., A.M., Lecturer in General Literature.

L.B., University of the South, 1889; A.M., *ibid.*, 1891; Assistant Professor, *ibid.*, 1889-90; Special Student, General Theological Seminary and Columbia University, New York, 1890-1; Instructor in English Literature and Philosophy, Columbia Athenaeum, 1891-2; Professor of Modern Languages, Kenyon

College, 1892-3; Lecturer, University of Cincinnati, 1898-1900; Director of the Cincinnati Conference of Arts and Literature, 1900-3; Lecturer, the University of Chicago, Summer Quarter, 1901-.

KATHARINE ELIZABETH DOPP, Ph.B., Ph.D., Lecturer in Education.

Ph.B., University of Michigan, 1893; Critic Teacher, State Normal School, Oshkosh, Wis., 1893-5; Principal of Training School, Moline, Ill., 1895-6; Principal of Training Department, State Normal School, Madison, S. D., 1896-8; Director of Training, the University of Utah, Salt Lake City, 1898-9; Assistant in Pedagogy, State Normal School, Oshkosh, Wis., 1899-1900; Ph.D., the University of Chicago, 1902; Teacher and Author, Associate in Education, Extension Division 1902-5; Lecturer in Education, Extension Division, 1904-.

GLENN DILLARD GUNN, Lecturer in Music.

Royal Conservatory, Leipzig, 1893-9; Instructor, Chicago Musical College, 1901-5; Musical Critic, *Chicago Journal*, 1901-5; *Inter Ocean*, 1905-.

LEWIS NATHANIEL CHASE, A.M., Ph.D., Lecturer in General Literature.

A.B., Columbia University, 1895; A.M., 1898; Ph.D., 1903; Student, Harvard University, Summer Term, 1897; Graduate Student, Columbia University, 1897-99 and 1902-3; Student, University of Grenoble, Summer, 1900; Assistant in Literature, Columbia University, 1899-1900; Assistant in Comparative Literature, *ibid.*, 1900-1; Tutor in Comparative Literature, *ibid.*, 1901-2; Instructor in English, Indiana University, 1903-4; Assistant Professor of English, *ibid.*, 1904-.

CHARLES ALEXANDER YOUNG, Ph.B., Lecturer in Biblical History and Literature.

Instructor in German, History, and Psychology, Pierce Christian College, 1885-9; Pastor, Christian Church, Kansas City, Mo., 1889-90; Student, Union Theological Seminary, New York City, 1890-1; Pastor, Christian Church, Ann Arbor, Mich., and Bible Chair Instructor, 1892-6; Student, the University of Chicago, 1896-8; Ph.B., *ibid.*, 1898; Assistant Instructor in Hebrew, University of Virginia, 1898-1900; Associate Editor, the *Christian Century*, 1900-6.

ARTHUR EUGENE BESTOR, A.B., Lecturer in Political Science.

A.B., the University of Chicago, 1901; Professor of History, Franklin College, 1901-3; Graduate Student, the University of Chicago, 1903-5; Fellow in History, *ibid.*, 1903-6; Assistant to General Director, Chautauqua Institution, 1905-6.

WILLIAM M. R. FRENCH, A.B., Lecturer in Art.

A.B., Harvard University; Director of the Art Institute of Chicago.

JENKIN LLOYD JONES, Lecturer in English.

Pastor, All Souls Church, Chicago.

INSTRUCTORS APPOINTED FOR THE SUMMER QUARTER, 1906

EMLIN MCCLAIN, A.M., LL.B., LL.D., Judge of the Supreme Court of Iowa, late Professor of Law and Chancellor of the College of Law, University of Iowa.

Ph.B., University of Iowa, 1871; A.B., *ibid.*, 1872; LL.B., *ibid.*, 1873; A.M., *ibid.*, 1882; LL.D., *ibid.*, 1891; LL.D., Findlay College, 1891; practiced law, Des Moines, Ia., 1873-81; Professor of Law, University of Iowa, 1881-1900; Vice-Chancellor, College of Law, *ibid.*, 1887-90; Chancellor, *ibid.*, 1890-1900; Iowa Member of Commission on Uniform Laws, 1894; Commissioner to Revise Iowa Code, 1894-7; Official Annotator of Code, 1897, 1902; Judge of Supreme Court of Iowa, 1900-; taught in the University of Chicago Law School, Summer Quarters, 1905, 1906.

ALBERT HENRY NEWMAN, D.D., LL.D., Professor of Church History, Baylor University.

A.B., Mercer University, 1871; A.M., *ibid.*, 1875; Graduate, Rochester Theological Seminary, 1875; Graduate Student, Southern Baptist Seminary, 1875-6; Professor of Church History, Rochester Theological Seminary, 1877-81; Professor of Church History, McMaster University, 1881-1901; Professor of Church History, Baylor University, 1901-; LL.D., Southwestern Baptist University, 1883; D.D., Mercer University, 1885.

JOHN MASON TYLER, Ph.D., Professor of Biology, Amherst College.

A.B., Amherst College, 1873; Graduate Student, Union Theological Seminary, 1874-6; Student of Biology, Universities of Göttingen and Leipzig, 1876-9; Professor of Biology, Amherst College, 1879-; Ph.D., Colgate University, 1888.

NATHAN ABBOTT, A.B., LL.B., Professor of Law and Dean of the Law Department, Leland Stanford Jr. University.

A.B., Yale University, 1877; LL.B., Boston University, 1888; *Tappan* Professor of Law, University of Michigan, 1891-2; Professor of Law, Northwestern University, 1892-4; Professor of Law and Dean of Law Department, Leland Stanford Jr. University, 1896-; taught in the University of Chicago Law School, Summer Quarter, 1906.

HENRY CHURCHILL KING, D.D., President of Oberlin College.

A.B., Oberlin College, 1879; D.B., Oberlin Theological Seminary, 1882; A.M., Harvard University, 1883; D.D., Oberlin College, 1897; Associate Professor of Mathematics, *ibid.*, 1884-1900; Associate Professor of Philosophy, *ibid.*, 1890-1; Professor, *ibid.*, 1891-7; Professor of Theology, *ibid.*, 1897-; Dean, *ibid.*, 1901-2.

JAMES MARK BALDWIN, Ph.D., LL.D., D.Sc., Professor of Philosophy and Psychology, Johns Hopkins University.

A.B., Princeton University, 1884; Ph.D., *ibid.*, 1889; Hon. D.Sc., University of Oxford, 1900; LL.D., University of Glasgow, 1901; LL.D., South Carolina College, 1905; Instructor in French and German, Princeton University, 1886-7; Professor of Philosophy, Lake Forest University, 1887-9, and University of Toronto, 1890-93; Professor of Psychology, Princeton University, 1893-1904; Professor of Philosophy and Psychology, Johns Hopkins University, 1903-; Gold Medalist, Royal Academy of Sciences of Denmark; Member, Aristotelian Society (London) and Institut International de Sociologie (Paris); Editor *Psychological Review*, *Dictionary of Philosophy and Psychology*, and *Library of Historical Psychology*.

EDWIN HAMLIN WOODRUFF, LL.B., Professor of Law, Cornell University.

LL.B., Cornell University, 1888; Instructor in English, *ibid.*, 1889-90; Librarian, Fiske Library, Florence, Italy, 1890-1; Librarian, Leland Stanford Jr. University, 1891-6; Acting Professor of Law, *ibid.*, 1898-9; Professor of Law, Cornell University, 1896-; taught in the University of Chicago Law School, Summer Quarter, 1904.

MAX LEOPOLD MARGOLIS, Ph.D., Professor of Semitic Languages and Literatures, Hebrew Union College, Cincinnati, Ohio.

Graduate, Leibniz Gymnasium, Berlin, Germany, 1889; Graduate Student, Columbia College, 1890-92; A.M., *ibid.*, 1890; Fellow, *ibid.*, 1891-2; Ph.D., *ibid.*, 1891; Assistant Professor of Hebrew and Biblical Exegesis, Hebrew Union College, 1892-7; Assistant Professor of Semitic Languages and Literatures, University of California, 1897-8; Associate Professor, *ibid.*, 1898-1901.

GEORGE NORLIN, Ph.D., Professor of Greek, University of Colorado.

A.B., Hastings College, 1893; Ph.D., the University of Chicago, 1900; Instructor in Greek, Hastings College, 1896-6; Fellow in Greek, the University of Chicago, 1896-9; Student, University of Paris, 1902; Professor of Greek, University of Colorado, 1899-.

WALTER WHEELER COOK, A.M., LL.M., Professor of Law, University of Missouri.

A.B., Columbia College, 1894; Assistant in Mathematics, Columbia University, 1894-5; John Tyndall Fellow in Physics, *ibid.*, 1896-7; Student, Jena, Leipzig, Berlin, 1895-7; Assistant in Mathematics, Columbia University, 1897-1900; A.M., *ibid.*, 1899; LL.M., *ibid.*, 1901; Instructor in Jurisprudence and American History, University of Nebraska, 1901-2; Assistant Professor of Law, *ibid.*, 1902-3; Professor of Law, *ibid.*, 1903-4; Professor of Law, University of Missouri, 1904-.

GENEVA MISENER, Ph.D., Professor of Latin and Greek, Rockford College.

A.M., Queen's University, 1899; Instructor in Latin and Greek, *ibid.*, 1898-9; Graduate Student, the University of Chicago, 1899-1900; Fellow, *ibid.*, 1900-3; Ph.D., *ibid.*, 1903; Instructor in Latin and Greek, Rockford College, 1903; Head of the Department of Latin and Greek, *ibid.*, 1904-.

WILFRED HAMILTON MANWARING, S.B., M.D., Associate Professor of Pathology, Indiana University.

S.B., University of Michigan, 1895; Instructor in Mathematics, High School, Peoria, Ill., 1902-4; Principal of High School, Battle Creek, Mich., 1896-7; Student, Johns Hopkins University, 1897-8; Professor of Science, and Director of Gymnasium, Western Military Academy, Upper Alton, Ill., 1898-9; Professor of Physics, Chemistry, and Physiology, State Normal School, Winona, Minn., 1899-1901; Student, the University of Chicago, Summer Quarters, 1899 and 1904; Student, Johns Hopkins University, 1901-4; M.D., Johns Hopkins University, 1904; Special Lecturer in Physics and Hygiene, Eastern Illinois State Normal School, Charleston, Summer, 1902; Assistant in Pathology, the University of Chicago, 1904-5; Associate Professor of Pathology, Indiana University, 1905-.

ALBERT MARTIN KALES, A.B., LL.B., Associate Professor of Law, Northwestern University.

A.B., Harvard University, 1896; LL.B., *ibid.*, 1899; practiced law, Chicago, 1899-; Associate Professor of Law, Northwestern University, 1903-.

ELLEN CHURCHILL SEMPLE, A.M., Assistant Professor of Anthro-Geography.

A.B., Vassar College, 1882; A.M., in Sociology and Economics, *ibid.*, 1891; Student in Anthro-geography, University of Leipzig, 1891-2, 1895; Author of *American History and its Geographic Conditions*.

EDWARD OCTAVIUS SISSON, Ph.D., Assistant Professor of Education, University of Illinois.

S.B., Kansas State Agricultural College, 1886; A.B., the University of Chicago, 1893; Dean, South Side Academy, 1892-7; Director, Bradley Polytechnic Institute, 1897-1904; Instructor in special Pedagogy, Summer School Chautauqua, N. Y., 1902; Ph.D., Harvard University, 1905; Assistant Professor of Education, University of Illinois, 1905-.

ROBERT ELKIN NEIL DODGE, A.M., Assistant Professor of English, University of Wisconsin.

A.B., Harvard University, 1889; A.M., *ibid.*, 1891; Lecturer in English, Barnard College, New York City, 1894-5; Instructor in English Literature, Brown University, 1895-8; Instructor in English, University of Wisconsin, 1898-1903; Assistant Professor of English, *ibid.*, 1903-.

HARDIN CRAIG, Ph.D., Edgerstoune Preceptor in English, Princeton University.

A.B., Centre College, 1897; A.M., Princeton University, 1899; Charles Scribner Memorial Fellow in English, *ibid.*, 1899-1901; Ph.D., *ibid.*, 1901; Instructor in English, *ibid.*, 1901-5; Edgerstoune Preceptor in English, *ibid.*, 1905-.

HAROLD DEXTER HAZELTINE, A.B., LL.B., J.U.D., Lecturer in Law, Cambridge University, England.

A.B., Brown University, 1894; LL.B., Harvard University, 1895; Student, University of Berlin, University of London, and University of Paris, 1898-1905; J.U.D., University of Berlin, 1905; Lecturer in Law, Cambridge University, 1906-.

JAMES H. VAN SICKLE, A.M., Superintendent of Public Instruction, Baltimore, Md.

A.B., University of Colorado, 1895; A.M., *ibid.*, 1896; Graduate of Albany (N. Y.) State Normal School (now State Normal College), 1873; Teacher, village school, New Jersey, 1874-5; Special Student, Williams College, 1875-6; Principal, Caledonia, N. Y., 1876-80; Teacher Cook Academy, New York, 1880-2; Principal, Denver, Colo., 1882-90; Superintendent, North Side Schools, Denver, 1890-1900; Superintendent, Baltimore, 1900—; Lecturer on Education, the University of Chicago, Summer Quarters, 1902—.

DANIEL PETER MACMILLAN, Ph.D., Director of the Department of Child-Study, Chicago Public Schools.

A.B., Acadia College, N.S., 1895; Susan Linn Sage Scholar, Sage School of Philosophy, Cornell University, 1895-6; Fellow, the University of Chicago, 1897-9; Ph.D., *ibid.*, 1899; Member Board of Examiners for Teachers, Chicago Public Schools; Lecturer on Genetic Psychology, Extension Courses, Chicago Normal School; Lecturer on Education, the University of Chicago, Summer Quarters, 1904—.

FLORA JULIETTE COOKE, Principal of the Francis W. Parker School, Chicago.

Principal, Youngstown, Ohio, 1888; Critic Teacher, Cook County Normal School, 1889-96; Supervisor of Primary Grades, Chicago Normal School, 1896-9; Student of methods and equipment in schools of San Francisco, Boston, New York, Washington, and Philadelphia, 1899-1900; Principal Primary Department, Chicago Institute, 1900-1; Principal, Francis W. Parker School, 1901—; Lecturer on Education, the University of Chicago, Summer Quarter, 1906.

IRVING KING, A.B., Ph.D., Instructor in Psychology and Education, Pratt Institute.

A.B., Earlham College, 1896; Graduate Student, the University of Chicago, 1900-3; Fellow, *ibid.*, 1901-3; Superintendent Practice School, Louisiana State Normal School, 1902; Assistant in Philosophy, Summer Quarter, the University of Chicago, 1902; Professor of Psychology, Wisconsin State Normal School, Oshkosh, 1903; Instructor in Psychology and Education, Pratt Institute, 1903—; Ph.D., the University of Chicago, 1904.

NELS JOHANN LENNES, S.M., Instructor in Mathematics, Wendell Phillips High School, Chicago.

S.B., the University of Chicago, 1898; Instructor in Mathematics, John Marshall High School, Chicago, 1898-1903; S.M., the University of Chicago, 1902; Fellow in Mathematics, *ibid.*, 1904-5; Instructor in Mathematics, Wendell Phillips High School, Chicago, 1905—; Assistant in Mathematics, the University of Chicago, Summer Quarter, 1906.

THOMAS McDOUGALL HILLS, Ph.B., Assistant in Geology.

Ph.B., University of Wooster, 1902; Instructor, *ibid.*, 1903; Graduate Student, the University of Chicago, 1906.

MARY ELEANOR TARRANT, Assistant in Field Botany.

Teacher of Latin, Louisville, Ky., Girls' High School, 1902; Head of Neighborhood House, Louisville, Ky.; Assistant in Field Botany, the University of Chicago, Summer Quarter, 1906.

THE UNIVERSITY HIGH SCHOOL

HENRY HOLMES BELFIELD, A.M., Ph.D., Dean; Professor of Political Economy and Civics.*

WILLIAM BISHOP OWEN, Ph.D., Dean; Associate Professor of Philosophy.

*For academic records not given here, see Officers of Instruction and Administration, pp. 11-32.

LUANNA ROBERTSON, Ph.D., Dean of Women; Instructor in German.

CARL JOHNSON KROH, Assistant Professor of Physical Education.

WILLIAM ROCKWELL WICKES, A.M., Instructor in Mathematics.

A.B., Oberlin College, 1873; A.M., *ibid.*, 1878; Principal, High School, Red Wing, Minn., 1876-7; Superintendent, Public Schools, Milan, O., 1877-9; Principal, High School, Norwalk, O., 1879-82; Superintendent, Public Schools, Granville, O., 1882-4; Instructor in Algebra and English, Chicago Manual Training School, 1884-90; Instructor in Algebra and Geometry, *ibid.*, 1890-1903; Instructor in Mathematics, the University High School, 1903—.

FREDERICK NEWTON WILLIAMS, Instructor in Drawing.

Graduate, School of Design, Massachusetts Institute of Technology, 1882; Art Instructor, Holderness School, 1885-7; Art Instructor, New Hampshire State Normal School, 1887; Student, Massachusetts State Normal Art School, 1888; Instructor in Drawing, Chicago Manual Training School, 1889-1903; Instructor in Drawing, the University High School, 1903—.

EARL BIXBY FERRON, A.M., Instructor in Drawing.

Degree of Art Master, Massachusetts Normal Art School, 1893; Instructor in Drawing, Boston and Brookton, Mass., 1892-4; Instructor in Drawing, Chicago Manual Training School, 1894-1903; Instructor in Drawing, the University High School, 1903—.

SAMUEL CARLISLE JOHNSTON, A.M., Instructor in Greek.

A.B., Colgate University, 1884; A.M., *ibid.*, 1887; Instructor in Greek and Latin, Collegiate Institute, Towanda, Pa., 1884-5, 1887-9; Instructor in Greek and Ancient History, Cook Academy, 1889-91; Assistant Principal, Connecticut Literary Institution, 1893-6; Principal, Putnam Institute, Cambridge, N.Y., 1893-7; Instructor in Greek, Colby Academy, 1891-3; University Scholar in Latin, Greek, and Education, Columbia University, 1896-8; Graduate Student in Greek, the University of Chicago, 1898-1900; Instructor in Greek, the South Side Academy, and University College, 1900-2; Matriculated Student in Halle-Wittenberg University, Germany, 1902-3; Instructor in Greek, University College, 1903; Instructor, the University High School, 1903—.

ERNEST LeROY CALDWELL, A.B., Instructor in Mathematics.

A.B., Yale University, 1887; Instructor in Classics, Harvard School, New York City, 1889-91; Academy Associate in Mathematics, the University of Chicago, 1892-4; Academy Instructor in Mathematics, *ibid.*, 1891-1906; Instructor in Mathematics, the University High School, 1905—.

JOHN MAXWELL CROWE, A.M., Instructor in English.

A.B., Hanover College, 1890; A.M., *ibid.*, 1895; Graduate Student, the University of Chicago, 1897-9.

GLEN MOODY HOBBS, Ph.D., Instructor in Physics.

S.B., University of Illinois, 1891; Ph.D., the University of Chicago, 1905; Laboratory Assistant, University of Illinois, 1891-2; Laboratory Assistant in Physics, the University of Chicago, 1893-4; Tutor in Physics, *ibid.*, 1894-5; Assistant in Physics, *ibid.*, 1897-8; Associate in Physics, *ibid.*, 1898-1901; Instructor in Physics, *ibid.*, 1901-5; Instructor in Physics, the University High School, 1905—.

ARTHUR FAIRCHILD BARNARD, A.B., Instructor in History.

A.B., Beloit College, 1893; Instructor in History, Beloit College Academy, 1893-4; Instructor in Latin and History, Sparta (Wis.) High School, 1894-6; Instructor in Latin and History, Chicago Manual Training School, 1896-1903; Instructor in History, the University High School, 1903—.

CARLETON JOHN LYND, A.B., Instructor in Physics.

A.B., University of Toronto, 1895; Laboratory Assistant, University of Buffalo, 1896; Instructor in Science Department, Academic High School, Auburn, N. Y., 1896-9; Instructor, South Side Academy, 1900-3; Graduate Student, the University of Chicago, 1900-2, 1903-4; Student, Universities of Berlin and Heidelberg, 1903-4.

MARCUS WILSON JERNEGAN, A.M., Instructor in History.

A.B., Brown University, 1896; A.M., *ibid.*, 1898; Graduate Student, Brown University, 1898-8; Principal, Edgertown, Mass., High School, 1899-1901; Assistant, *ibid.*, 1902-4; Instructor in History, the University High School, 1903-.

WALLACE WALTER ATWOOD, PH.D., Instructor in Physiography.**ERNST RUDOLPH BRESLICH, A.B., A.M., Instructor in Mathematics.**

A.B., German Wallace College, Berea, O., 1896; Instructor in Mathematics, Hedding College, 1900; A.M., the University of Chicago, 1900; Assistant, Associate, and Instructor in Mathematics, Bradley Polytechnic Institute, Peoria, Ill., 1900-4; Instructor, the University High School, 1904-.

ROY HUTCHINSON BROWNLEE, A.B., Instructor in Chemistry.

A.B., Monmouth College, 1896; Student, Johns Hopkins University, 1898, the University of Chicago, 1899; Professor of Natural Science, Occidental College, Los Angeles, Cal., 1900-1; Lecture Assistant in Chemistry, the University of Chicago, 1901-3; Instructor in Chemistry, the University High School, 1903-.

ADOLPH CHARLES VON NOÉ, PH.D., Instructor in German.**CHARLES HENRY VAN TUYL, A.B., Instructor in Latin.**

Graduate, Classical Course, Cortland, N. Y., 1885; Principal, High School, Chenango Forks, N. Y., 1886-7; Principal, High School, Hamilton, N. Y., 1887-1901; Student in Chemistry, Colgate University, 1900-1; Graduate Student in Pedagogy and Philosophy, the University of Chicago, 1902; A.B., *ibid.*, 1902; Instructor in Latin, Chicago Manual Training School, 1902-3; Instructor in Latin, the University High School, 1903-.

CASSIUS BRUCE AVERY, Instructor in Wood-work.

Associate in Woodshop, 1904-5; Associate in Woodshop and Drawing, 1905; Associate in Machine Shop, 1906; Student, University of Michigan, 1901-4; Instructor, the University High School, 1904-.

IRA BENTON MEYERS, Instructor in Biology.**FRANK HENRY SELDEN, Instructor in Shopwork and Drawing.**

Graduate, Northwestern State Normal School, Pennsylvania, 1886; Principal, West Springfield Academy, 1886-6; Instructor in Manual Training, Northwestern State Normal School, 1889; Instructor in Manual Training, Erie City Boys' Club, 1903-4; Instructor in Shopwork and Drawing, the University High School, 1905-.

ANGUS MATTHEW FREW, M.D., Associate in Physical Education.

Student, Tufts Medical School, Boston, Mass., 1891-6; Director of Physical Culture, Central University, Richmond, Ky., 1894-8; M.D., Hospital College of Medicine, Louisville, Ky., 1896; Director of Physical Culture, Colby College, Waterville, Me., 1896-1903; Associate in Physical Culture, the University High School, 1903-.

CLAUDE HENRY CROSS, Associate in Forge and Foundry.

Instructor in Forge and Foundry Practice, Chicago Manual Training School, 1902-3; Associate in Forge and Foundry, the University High School, 1903-.

SARAH FRANCES PELLETT, A.M., Associate in Latin.

A.B., Smith College, 1882; Professor of History and Greek, Elmira College, Elmira, N. Y., 1884-90, 1891-2; A.M., Cornell University, 1891; Reader in Latin, the University of Chicago, 1892-; Associate in Latin, *ibid.*, 1903-.

BERTHE EUGÉNIE PAROOT, Associate in French.

C.E., Institut Grèce, Villers (Cotterêts, France, 1889; Private work, 1890-9; Instructor in French, Auditorium Conservatory, Chicago, 1889-1902; Special Student, Institut Rudy, Paris, 1900; Special Student, the University of Chicago, 1901; Associate in French, South Side Academy, 1901-3; Associate in French, the University High School, 1903-.

FRANCES RAMSAY ANGUS, A.B., Associate in French.

A.B., McGill University, 1893; Graduate Student, *ibid.*, and Normal Training in French, Montreal, 1893-6; Instructor, Westmount Academy, Montreal, 1896-1900; Instructor, South Side Academy, Chicago, 1900-1902; Student in Paris, 1902-3; Associate in French, the University High School, 1903-.

HARRY FLETCHER SCOTT, A.M., Associate in Latin.

A.B., Illinois College, 1896; A.M., *ibid.*, 1899; A.M., the University of Chicago, 1903; Teacher of Latin, Chicago Preparatory School, 1896-7; Teacher of Latin, High School, Jacksonville, Ill., 1897-9; Tutor in Latin, Indiana University, 1899; Teacher of Latin, Shortridge High School, Indianapolis, Ind., 1899-1903; Associate in Latin, the University High School, 1903-.

FRANK BARNES CHERINGTON, A.M., Associate in English.

A.B., Ohio Wesleyan University, 1899; A.B., Harvard University, 1900; A.M., *ibid.*, 1901; Associate in English, University Secondary School, 1902-3; Associate in English, the University High School, 1903-.

ALICE FIDELICE PITKIN, M.D., Associate in Physical Education.

Graduate, Normal School of Physical Training, Oberlin College, 1896; M.D., Northwestern University Woman's Medical School, 1900; Intern, Wesley Hospital, Chicago, 1901-2; Attending Surgeon, Home for Crippled Children, 1902; Private Practice, including instruction in Medical Gymnastics, 1902-.

HENRIETTA HELEN CHASE, PH.B., Associate in French.

Ph.B., the University of Chicago, 1901; Teacher of French and Latin, Santa Rosa Seminary, Cal., 1891-5; Student, Dreden, Germany, 1895-7; Teacher of French, German, and English, Saint Alban's High School, 1897-9; Teacher of French and German, Highland Park, Ill., High School, 1901-2; Associate in French, South Side Academy, 1902-3; Associate in French, the University High School, 1903-.

WILLIAM REES DAVIS, A.B., Associate in English.

A.B., Ripon College, 1901; Principal, High School, Rosendale, Wis., 1901; Graduate Student, University of Chicago, 1902; Instructor in English, Chicago Manual Training School, 1902-3; Associate in English, the University High School, 1903-.

HARRIS FRANKLIN MACNEISH, S.M., Associate in Mathematics.

S.B., the University of Chicago, 1902; Assistant in Mathematics, South Side Academy, 1902-3; S.M., the University of Chicago, 1904; Associate in Mathematics, the University High School, 1903-.

CHARLES HENRY TAYLOR, Assistant in Physiography.

Graduate, Kansas State Normal School, 1902; Principal, Ward School, Argentine, Kan., 1902-3; Vice-Principal, High School, Beloit, Kan., 1904-5; Assistant in Physiography, the University High School, 1905-.

WILLIAM ARMITAGE AVERILL, A.B., Assistant in Physiography.

A.B., the University of Chicago, 1902; Teacher of Science, Sullivan, Ill., High School, 1903-3; Highland Park, Ill., High School, 1903-5; Assistant in Physiography, the University High School, 1905-.

THEODORE BALLOU HINCKLEY, Ph.B., Assistant in English.

Ph.B., the University of Chicago, 1904; Assistant in English, the University High School, 1905—.

BERTRAM HEDLEY, Assistant in Wood-work.

Graduate Diploma in Education and Manual Training, Teachers College, Columbia University, 1904; Instructor in Manual Training, New York Settlement Schools, 1902-4; Instructor in Manual Training, Indianapolis, Ind., Public Schools, 1904-5; Assistant in Drawing and Wood-work, the University High School, 1905—.

ZELMA ESTELLE CLARK, A.B., Assistant in English.

A.B., the University of Chicago, 1897; Instructor in English, Chicago Preparatory Schools, 1898-7; Graduate Student, the University of Chicago, 1897-8; Instructor in English, J. Sterling Morton High School, 1898-1904; Assistant in English, the University High School, 1905—.

WILBERT LESTER CARR, A.M., Assistant in Latin.

A.B., Drake University, 1898; A.M., *ibid.*, 1899; Instructor in Latin, Drake University, 1899-1900; Assistant Professor in Latin, *ibid.*, 1900-2; Instructor in Summer Latin School, *ibid.*, 1899-1904; Fellow, the University of Chicago, 1903-4; Assistant in Latin, the University High School, 1904—.

LYDIA MARIE SCHMIDT, Ph.B., Assistant in German.

Ph.B., the University of Chicago, 1901; Supervisor of German, Public Schools, Michigan City, Ind., 1901-2; Graduate student, the University of Chicago, 1902-3; Assistant in German, the University High School, 1903—.

THE UNIVERSITY ELEMENTARY SCHOOL

WILBUR SAMUEL JACKMAN, A.B., Principal; Professor of the Teaching of Natural Science.

ANNE ELIZABETH ALLEN, Instructor, Kindergarten.

ELSIE AMY WYGANT, Instructor, Third Year.

GUDBRUN THORNE-THOMSEN, Instructor, Third Year.

GERTRUDE VAN HOESSEN, Instructor, Fourth Year.

ALICE TEMPLE, Instructor, Seventh Year.

CAROLINE MAY PIERCE, Instructor, Seventh Year.

ANNAS HIGGINS, Ph.B., Instructor, Eighth Year.

Ph.B., the University of Chicago, 1902.

MELVA LATHAM, Instructor, Ninth Year.

L. DOW MCNEFF, Instructor, Ninth Year.

KATHARINE MARIAN STILWELL, Ph.B., Instructor, Tenth Year.

HARRY ORBIN GILLET, S.B., Instructor, Tenth Year, and Assistant to the Principal.

IRA BENTON MEYERS, Instructor in the Teaching of Natural Science, and Curator of the Museum.

MARY IDA MANN, Instructor in Physical Training.

LORLEY ADA ASHLÉMAN, Ph.B., Associate in French.
Ph.B., the University of Chicago, 1905.

IRENE WARREN, Librarian and Associate in School Library Economy.

MARY ROOT KERN, Associate in Music.

ZOE SMITH BRADLEY, A.B., Teacher of Singing.
A.B., Hillsdale College, 1899.

ANNETTE COVINGTON, A.B., Associate in Art.
A.B., Western College for Women, 1895.

ANNETTE BUTLER, Associate in Manual Training Primary Grades.

ELIZABETH EUPHROSINE LANGLEY, Associate in Manual Training.

LOUISE BENEDICT TROW, Assistant in Kindergarten.

ELSABETH PORT, Assistant, Fourth Year.

ANNA SCHERZ, Ph.B., Assistant in German.
Ph.B., the University of Chicago, 1905.

RUTH ABBOTT, Assistant Librarian.

HERMINE STELLAR, Assistant in Drawing, 1905-6.

LUCIA WILLIAMS DEMENT, Assistant in Drawing, 1905-6.

ESTHER CRAWFORD, Assistant in Drawing, 1905-6.

GERTRUDE STILES, Assistant in Bookbinding.

LELIA PURDY, Assistant in Textiles.

Diploma, the College of Education, 1904; Special Diploma in Textiles, *ibid.*, 1905.

HARRIET JOOR, A.B., Assistant in Clay Modeling and Ceramics.

A.B., H. Sophie Newcomb College, New Orleans, La., 1895.

SABELLA RANDOLPH, Assistant in Clay Modeling.

FREDERICK EMERY WALRATH, Assistant in Modeling.

JENNY HELEN SNOW, Ed.B., S.B., Assistant in Home Economics.

Ed.B., the University of Chicago, 1904; S.B., *ibid.*, 1905.

ROBERT KIRKLAND NABOURS, Ed.B., Assistant Curator of the Museum.

Diploma, College of Education, the University of Chicago, 1903; Ed.B., *ibid.*, 1905.

DEANS OF AFFILIATED INSTITUTIONS

JOHN J. SCHOBINGER, The Harvard School.

4670 Lake av., Chicago.

Gymnasium Schaffhausen (Switzerland), 1884; Federal Polytechnic School (Zürich), 1886; University of Lausanne, 1887; Instructor and Director of the Realschule, Neunkirch, 1888-73; Principal of the Harvard School, 1876—; Dean, *ibid.*, 1893—.

A. F. FLEET, A.M., LL.D., Culver Military Academy.
Culver, Ind.

University of Virginia, 1887; eleven years Professor of Greek, Missouri State University; Founder, and for six years Superintendent of the Missouri Military Academy; nine years Superintendent of Culver Military Academy.

JAMES POMEROY STEPHENSON, Ph.D., Des Moines College.
Des Moines, Ia.

A.B., Oberlin College, 1887; A.M., *ibid.*, 1887; A.M., University of Syracuse, 1892; Ph.D., *ibid.*, 1892; Graduate, Rochester Theological Seminary, 1871; Pastor, Warren, O., 1872-6; Pastor, Ottawa, Kan., 1877-85; Professor, Des Moines College, 1887—; Dean, *ibid.*, 1900—.

ARTHUR GAYLORD SLOOUM, LL.D., Kalamazoo College.
Kalamazoo, Mich.

A.B., University of Rochester, 1874; A.M., *ibid.*, 1877; LL.D., *ibid.*, 1892; Principal, Rochester Collegiate Institute, 1874-5; Principal, Riverside Collegiate Institute, Wellsville, N. Y., 1875-6; Superintendent of Schools, and Principal of Free Academy, Corning, N. Y., 1876-1892; President, Kalamazoo College, 1892—.

JOHN MILTON DODSON, A.M., M.D., Dean, Rush Medical College. Chicago.

A.B., University of Wisconsin, 1880; A.M. (in course), *ibid.*, 1888; M.D., Rush Medical College, 1882, and Jefferson Medical College, 1883; Lecturer on Anatomy and Demonstrator, Rush Medical College, 1889-93; Professor of Physiology and Demonstrator of Anatomy, *ibid.*, 1893-4; Professor of Physiology and Histology, *ibid.*, 1894-1900; Professor of Medicine, *ibid.*, 1900-; Junior Dean, *ibid.*, 1898-9; Dean, *ibid.*, 1900-; Professor of Diseases of Children, Northwestern University Woman's Medical School, 1893-7; Professorial Lecturer on Medicine, and Dean of Medical Students, the University of Chicago, 1901-.

FRANK BILLINGS, S.M., M.D., Dean, Rush Medical College. Chicago.

M.D., Chicago Medical College, 1881; S.M., Northwestern University, 1890; Intern, Cook County Hospital, 1881-2; Student in Vienna, 1885-6; Professor of Medicine, Northwestern University Medical School, 1891-8; Attending Physician to St. Luke's and the Presbyterian, Consulting Physician to the Cook County Hospitals; President of Chicago Medical Society, 1890; Professor of Medicine, Rush Medical College, 1898-; Dean of Faculty, *ibid.*, 1900-; President of American Medical Association, 1902-4; Professorial Lecturer on Medicine, the University of Chicago, 1901-.

WILLIAM PARKER MCKEE, A.M., D.B., Frances Shimer Academy. Mt. Carroll, Ill.

A.B., Wabash College, 1883; D.B., Baptist Union Theological Seminary, 1897; Graduate Student in History and Philosophy, University of Minnesota, 1896-7; A.M., University of Minnesota, 1897; D.B., University of Chicago, 1897; Pastor Olivet Baptist Church, Minneapolis, 1897-97; Dean, Frances Shimer Academy, 1897-.

ANNA R. HAISE, A.B., University School for Girls. 21 and 22 Lake Shore Drive, Chicago.

A.B., Smith College, 1883; Instructor in Secondary Schools, 1883-7; Principal, Hardy School, Eau Claire, Wis., 1887-90; Principal, Hardy School, Duluth, Minn., 1890-5; Principal, University School for Girls, Chicago, 1897-.

THEODORE CHALON BURGESS, Ph.D., Bradley Polytechnic Institute. Peoria, Ill.

A.B., Hamilton College, 1883; A.M., *ibid.*, 1886; Head of Classical Department, Fredonia, N. Y., State Normal School, 1883-96; Graduate Student in Greek, the University of Chicago, 1896-7; Fellow in Greek, *ibid.*, 1897-8; Ph.D., *ibid.*, 1898;

Assistant Professor of Latin and Greek, Bradley Institute, Peoria, Ill., 1897-1908; Professor, *ibid.*, 1908-; Assistant Professor of Greek, the University of Chicago (summers), 1900-5; Dean of College, Bradley Polytechnic Institute, 1898-; Acting Director, *ibid.*, 1903-4; Director, *ibid.*, 1904-.

ELIZABETH FAULKNER, A.B., Kenwood Institute. 40 E. Forty-seventh st., Chicago.

A.B., the University of Chicago, 1885; Instructor in Latin and English, South Chicago High School, 1886-6; Instructor in Greek and Latin, Oak Park High School, 1886-1893; Graduate Student, the University of Chicago, 1893-; Instructor in Greek and Latin, Kenwood Institute, 1893-; Instructor in Greek and Latin, Harvard School, 1897-1901; Dean, Kenwood Institute, 1904-.

LINCOLN HULLEY, Ph.D., The John B. Stetson University. DeLand, Fla.

A.B., Harvard University, 1889; A.M., Bucknell University, 1891; Ph.D., the University of Chicago, 1896; Instructor in Science, Bucknell University, 1889-92; Fellow, the University of Chicago, 1892-3; Professor of History, Bucknell University, 1892-1904; Lecturer for the American Institute of Sacred Literature, 1892-1904; President, John B. Stetson University, 1904-.

WINFRED ERNEST GARRISON, D.B., Ph.D., Butler College. Indianapolis, Ind.

A.B., Eureka College, 1882; A.B., Yale University, 1894; Yale Divinity School, 1894-5; D.B., the University of Chicago, 1897; Ph.D., *ibid.*, 1897; Assistant in History and Instructor in Disciples' Divinity House, *ibid.*, 1897-8; Professor of Church History and Acting Professor of Hebrew, Butler College, 1898-1900; Assistant Editor, *The Christian Evangelist*, St. Louis, 1900-4; President, Butler College, 1904-.

EDWIN PUTNAM BROWN, A.B., Wayland Academy. Beaver Dam, Wis.

A.B., the University of Chicago, 1896; Graduate Student, *ibid.*, 1896-7; Instructor, Morgan Park Academy, 1896-7; Instructor in English, Wayland Academy, 1897-1901; Principal, *ibid.*, 1901-.

EVELYN MATZ, Ph.B., Dearborn Seminary. 2252 Calumet av., Chicago.

Ph.B., the University of Chicago, 1897; Graduate Student, *ibid.*, 1897-9; Teacher of Science in the University School for Girls, 1897-1900; Principal of the Dearborn Seminary, 1900-.

OTHER OFFICERS AND ASSISTANTS

IRENE LUORETHA CARTER, Clerk, Deans' Offices, Graduate Schools.**RENA M. COBB, President's Secretary, President's Office.****ANNIE CULTON, Clerk, Editorial Office.****BEATRICE DAVIES, Clerk, Deans' Offices, Junior Colleges.****ALMA FERREE GAMBLE, Clerk, Examiners' Offices.****ETTA GIBSON, Clerk, Recorder's Office.****DELLA CHARLOTTE HALLEY, Clerk, Dean's Office, University College.****KENKECHI HAYASHI, Artist, Zoological Laboratory.****A. DE KHOTINSKI, Instrument-Maker, Physical Laboratory.****ANNA JEWETT LE FEVRE, Clerk, Dean's Office, College of Education.****HELEN FIRMAN MAOK, Stenographer, President's Office.****MURDOCH HADDON MAOLEAN, Superintendent of Buildings and Grounds.****CHARLOTTE PAULINE MORTON, Clerk, Recorder's Office.****RICHARD GEORGE MYERS, Campus Foreman.****MINNIE C. OTT, Clerk, Dean's Office, Senior Colleges****JULIUS PEARSON, Instrument-Maker, Physical Laboratory.****GRACE BERTHA SCOTT, Clerk, Deans' Office, Divinity School.****MARY ELIZABETH TIERNEY, Clerk, Deans' Offices, Junior Colleges.****BERTHA WILKES, Clerk, President's Office.****ELIZABETH YEOMANS, Manager, Women's Commons.**

FELLOWS APPOINTED FOR THE YEAR 1906-7

IRVING COWAN ALLEN, S.M., Chemistry.

Student, University of California, 1895-1900; S.B., *ibid.*, 1899; S.M., *ibid.*, 1900; Graduate Student, University of Strassburg, 1904-6; Fellow, the University of Chicago, 1906-7.

ERNEST ANDERSON, S.B., S.M., Chemistry.

Student, Trinity University, 1900-2; Student, the University of Chicago, Summer Quarters, 1901, 1903, 1905; Student, University of Texas, 1902-5; S.B., *ibid.*, 1903; S.M., *ibid.*, 1904; Fellow, *ibid.*, 1905-5; Fellow, the University of Chicago, 1906-7.

SCOTT ELIAS WILLIAM BEDFORD, A.M., Sociology.

Student, Baker University, 1896-1903; A.B., *ibid.*, 1902; A.M., *ibid.*, 1903; Principal, Baker University Academy, 1903-5; Assistant in History, *ibid.*, 1903-5; Fellow, the University of Chicago, 1905-6; Fellow, *ibid.*, 1906-7.

SPURGEON BELL, S.B., Political Economy.

Student, University of Texas, 1897-1903; S.B., *ibid.*, 1902; Professor of Mathematics, John Tarleton College, 1903-5; Graduate Student, the University of Chicago, 1905-6; Fellow, *ibid.*, 1906-7.

ROBERT LOUIS BENSON, A.M., Pathology.

Student, University of Michigan, 1898-1904; A.B., *ibid.*, 1902; A.M., *ibid.*, 1904; Assistant in Chemistry, *ibid.*, 1902-4; Fellow, the University of Chicago, 1906-7.

LILLIAN GAY BERRY, A.M., Latin.

A.B., Indiana University, 1899; Instructor, *ibid.*, 1902-4; Assistant Professor, *ibid.*, 1904-5; A.M., *ibid.*, 1905; Graduate Student, the University of Chicago, 1902-5; Fellow, *ibid.*, 1905-6, 1906-7.

GEORGE DAVID BIRKHOFF, A.B., Mathematics.

Student, the University of Chicago, 1902-3; Student, Harvard University, 1903-5; A.B., *ibid.*, 1905; Fellow, the University of Chicago, 1905-6, 1906-7.

MARY BLOUNT, S.B., Zoology.

Student, University of Michigan, 1891-5; S.B., *ibid.*, 1895; Teacher, Marshalltown, Iowa, High School, 1899-1903; Student, the University of Chicago, 1903-5; Fellow, *ibid.*, 1905-6, 1906-7.

KATHARINE BLUNT, A.B., Chemistry.*

Student, Vassar College, 1894-8; A.B., *ibid.*, 1898; Graduate Student, Massachusetts Institute of Technology, 1902-3; Assistant in Chemistry, Vassar College, 1903-5; Graduate Student, the University of Chicago, 1905-6; Fellow, *ibid.*, 1906-7.

WALTER DANIEL BONNER, S.B., Chemistry.

Student, Nebraska Wesleyan University, 1902-6; Student, University of Nebraska, 1905-6; S.B., *ibid.*, 1906; Fellow, the University of Chicago, 1906-7.

DONALD ELLIOTT BRIDGMAN, A.B., Political Economy.

Student, Hamline University, 1900-3; A.B., *ibid.*, 1903; Student, University of Munich, 1903-4; Graduate Student, the University of Chicago, 1904-5; Fellow, *ibid.*, 1905-6, 1906-7.

CLYDE BROOKS, A.B., Physiology.

Student, University of Missouri, 1901-5; A.B., *ibid.*, 1905; Assistant in Physiology, *ibid.*, 1905-6; Fellow, the University of Chicago, 1906-7.

HOWARD GRAY BROWNSON, A.B., Political Economy.

Student, University of Illinois, 1903-6; A.B., *ibid.*, 1906; Fellow, the University of Chicago, 1906-7.

*Babbott Fellow of Vassar College during the year 1905-6, in residence at the University of Chicago.

LEONAS LANCELOT BURLINGAME, A.B., Botany.

Student, Ohio Northern University, 1896-1901; Ph.B., *ibid.*, 1901; Instructor in Biology and Geology, *ibid.*, 1901-4; A.B., the University of Chicago, 1906; Fellow, *ibid.*, 1906-7.

STEPHEN REID CAPPS, JR., A.B., Geology.

Student, Illinois College, 1898-1901; Student, the University of Chicago, 1901-3; A.B., *ibid.*, 1903; Instructor, the University High School, 1903-4; Graduate Student, the University of Chicago, 1904-5; Fellow, *ibid.*, 1905-6, 1906-7.

BENSON BRUSH CHARLES, A.B., Semitics.

Student, Cornell University, 1901-4; Student, American School for Oriental Study and Research, Palestine, 1904-5; Student, Cornell University, 1905-6; A.B., *ibid.*, 1906; Fellow, the University of Chicago, 1906-7.

HARRY MILTON CLEM, A.B., Geography.

Graduate, Indiana State Normal School, 1902; Student, the University of Chicago, 1903-4; Student, Indiana University, 1905-6; A.B., *ibid.*, 1906; Fellow, the University of Chicago, 1906-7.

MARGARET DAVIDSON, Ph.B., English.

Student, the University of Chicago, 1899-1904; Ph.B., *ibid.*, 1903; Fellow, *ibid.*, 1905-6, 1906-7.

JUNE ETTA DOWNEY, A.M., Philosophy.

Student, University of Wyoming, 1891-5; A.B., *ibid.*, 1895; Student, the University of Chicago, 1896-8; A.M., *ibid.*, 1898; Instructor in English Language and Literature, University of Wyoming, 1898-9; Assistant Professor of English and Philosophy, *ibid.*, 1899-1902; Associate Professor of English and Philosophy, *ibid.*, 1902-5; Professor of Philosophy, *ibid.*, 1906; Fellow, the University of Chicago, 1906-7.

CLARENCE ADDISON DYKSTRA, A.B., History.

Student, Central College, Pella, Ia., 1899-1900; Student, University of Iowa, 1900-3; A.B., *ibid.*, 1903; Graduate Student, the University of Chicago, 1903-4; Instructor in History and English Literature, Pensacola Classical School, Pensacola, Fla., 1904-6; Fellow, the University of Chicago, 1906-7.

ANA JULIE ENKE, Ph.B., Romance.

Student, the University of Chicago, 1902-5; Ph.B., *ibid.*, 1905; Graduate Student, *ibid.*, 1905-6; Fellow, *ibid.*, 1906-7.

GRACE MAXWELL FERNALD, A.M., Psychology.

A.B., Mt. Holyoke College, 1899-1903; Assistant, *ibid.*, 1903-4; A.M., *ibid.*, 1905; Demonstrator and Scholar, Bryn Mawr College, 1904-6; Fellow, the University of Chicago, 1906-7.

PHILIP FITCH, A.B., Physics.

Instructor, East Denver (Colo.) High School, 1899-1903; Student, Colorado College, 1903-6; Instructor, Cutler Academy, 1903-6; Assistant in Physics, Colorado College, 1903-6; Student, the University of Chicago, Summer Quarter, 1905; A.B., Colorado College, 1906; Fellow, the University of Chicago, 1906-7.

REGINALD RUGGLES GATES, A.M., Botany.

A.B., Mt. Allison University, 1903; A.M., *ibid.*, 1904; B.Sc., McGill University, 1906; Fellow, the University of Chicago, 1906-7.

LOUIS RAYMOND GRAY, A.B., History.

Student, Indiana University, 1900-5; A.B., *ibid.*, 1905; Graduate Student, *ibid.*, 1905-6; A.M., *ibid.*, 1906; Fellow, the University of Chicago, 1906-7.

JOHN LEONARD HANCOCK, A.M., Greek.

Student, the University of Chicago, 1901-5; A.B., *ibid.*, 1905; A.M., Indiana University, 1906; Instructor in Latin, *ibid.*, 1905-6; Fellow, the University of Chicago, 1906-7.

JOSEPH KINMONT HART, A.B., Ecclesiastical Sociology
Student, Franklin College, 1896-1900; A.B., *ibid.*, 1900; Graduate Student, the University of Chicago, 1900-5; Fellow, *ibid.*, 1906-7.

JOSEPH WILLIAM HAYES, A.B., Psychology.

Student, University of Rochester, 1896-1900; Student, Amherst College, 1900-3; A.B., *ibid.*, 1903; Graduate Student, the University of Chicago, 1904-6; Fellow, *ibid.*, 1906-7.

PAUL GUSTAV HEINEMAN, S.B., Bacteriology.

Student, Gymnasium and Realschule, Hamburg, 1871-8; Student, Apothecaries' College, Hamburg, 1878-81; Student, the University of Chicago, 1903-4; S.B., *ibid.*, 1904; Graduate Student, *ibid.*, 1904-6; Fellow, *ibid.*, 1906-7.

JACOB HAROLD HEINZELMAN, A.B., German.

Student, Illinois State Normal University, 1892-6; Principal of Schools, Peoria, Ill., 1896-1901; A.B., University of Illinois, 1902; Graduate Student, the University of Chicago, 1902-3, 1905-6; Superintendent of Schools, Washington, Ill., 1903-5; Fellow, the University of Chicago, 1906-7.

HERBERT WYNFORD HILL, Ph.M., English.

Student, University of California, 1896-1900; L.B., *ibid.*, 1900; Instructor, Utah State Agricultural College, 1900-3; Graduate Student, the University of Chicago, 1903-4; Ph.M., *ibid.*, 1904; Instructor, the University of Texas, 1904-6; Fellow, the University of Chicago, 1906-7.

CHARLES ELLSWORTH HORNE, A.B., A.M., Semitics.

Student, Waynesburg College, Pa., 1893-7; A.B., *ibid.*, 1897; Graduate Student, Princeton Theological Seminary, 1897-9; Assistant Professor of Mathematics, Waynesburg College, 1899-1904; A.M., Harvard University, 1904; Student, University of Leipzig, 1904-5; Fellow, the University of Chicago, 1905-6, 1906-7.

NAOZO ICHINOHE, Rigakushi, Astronomy.

Graduate, Second College, Sendai, 1900; *Rigakushi*, Imperial University, Tokio, 1903; Graduate Student and Assistant, University Observatory, *ibid.*, 1903-5; Graduate Student, the University of Chicago, 1905-6; Fellow, *ibid.*, 1906-7.

LOUIS INGOLD, A.M., Mathematics.

Student, University of Missouri, 1896-1902; A.B., *ibid.*, 1901; A.M., *ibid.*, 1902; Assistant, *ibid.*, 1903-5; Instructor (*in absentia*), *ibid.*, 1905-6; Fellow, the University of Chicago, 1905-6, 1906-7.

DENNIS EMERSON JACKSON, A.M., Physiological Chemistry.

A.B., Indiana University, 1905; A.M., *ibid.*, 1906; Graduate Student, the University of Chicago, Summer Quarter, 1905; Assistant in Physiology, Indiana University, 1904-5; Assistant in Pharmacology, *ibid.*, 1905-6; Fellow, the University of Chicago, 1906-7.

ROGER MILLER JONES, A.B., Greek.

Student, Denison University, 1901-5; A.B., *ibid.*, 1905; Graduate Student, the University of Chicago, 1905-6; Fellow, *ibid.*, 1906-7.

FRANK JAMES KATZ, A.B., Geology.

Student, University of Wisconsin, 1901-5; A.B., *ibid.*, 1905; Graduate Student and Assistant in Geology, *ibid.*, 1905-6; Fellow, the University of Chicago, 1906-7.

WILLIAM GORDON KELSO, Jr., A.M., Philosophy.

Student, Princeton University, 1901-5; A.B., *ibid.*, 1905; Fellow in Mental Science, *ibid.*, 1905-6; A.M., *ibid.*, 1906; Fellow, the University of Chicago, 1906-7.

THOMAS ALBERT KNOTT, A.B., English.

Student, Northwestern University, 1898-1902; A.B., *ibid.*, 1902; Teacher, Coshocton, O., High School, 1902-3; Assistant in English, Bradley Polytechnic Institute, 1903-5; Graduate Student, the University of Chicago, 1905-6; Fellow, *ibid.*, 1906-7.

JOHN MATTHIAS KUEHNE, S.M., Physics.

S.B., University of Texas, 1899; S.M., *ibid.*, 1901; Instructor in Physics, *ibid.*, 1901-6; Fellow, the University of Chicago, 1906-7.

FRANK GRANT LEWIS, A.B., New Testament.

A.B., Brown University, 1893; Graduate, Rochester Theological Seminary, 1896; Graduate Student, the University of Chicago, 1905-6; Fellow, *ibid.*, 1906-7.

DANIEL DAVID LUCKENBILL, A.M., Semitics.

Student, University of Pennsylvania, 1899-1903; A.B., *ibid.*, 1903; Harrison Scholar in Semitics, *ibid.*, 1903-4, 1904-6; Student, University of Berlin (Friedrich-Wilhelms-Universität), Summer Semester, 1905; Fellow, the University of Chicago, 1906-7.

SAMUEL MACCLINTOCK, Ph.B., Political Science.

Student, the University of Chicago, 1892-6; Ph.B., *ibid.*, 1896; Instructor in History, Armour Institute, 1896-7; Instructor in English, Yale-Princeton School, 1897-8; Instructor in History, Manila Normal School, P. I., 1901-2; Division Superintendent of Schools, Cebu, P. I., 1902-6; Fellow, the University of Chicago, 1906-7.

DOUGLAS CLYDE MACINTOSH, A.B., Systematic Theology.

Student, McMaster University, 1899-1903; A.B., *ibid.*, 1903; Lecturer (*pro tempore*), *ibid.*, 1903-4; Graduate Student, the University of Chicago, 1904-5; Fellow, *ibid.*, 1906-7.

WILLIAM DUNCAN MACMILLAN, A.B., Astronomy.

Student, Lake Forest University, 1888-90; A.B., Fort Worth University, 1898; Graduate Student, the University of Chicago, 1905-6; Fellow, *ibid.*, 1906-7.

HARRIS FRANKLIN MACNEISH, S.B., S.M., Mathematics.

S.B., the University of Chicago, 1902; S.M., *ibid.*, 1904; Assistant in Mathematics, South Side Academy, 1902-3; Instructor in Mathematics, University High School, 1903; Fellow, the University of Chicago, 1906-7.

MARY EDITH MCGREW, A.M., Greek.

Student, University of California, 1899-1905; A.B., *ibid.*, 1903; A.M., *ibid.*, 1903; Assistant in Latin, *ibid.*, 1903-5; Graduate Student, the University of Chicago, 1905-6; Fellow, *ibid.*, 1906-7.

ROBERT JAMES GEORGE MCKNIGHT, A.B., Semitics.

Student, Geneva College, 1892-6; A.B., *ibid.*, 1896; Student, Reformed Presbyterian Seminary, Allegheny, Pa., 1896-9; D.B., Princeton Seminary, 1900; Student, Johns Hopkins University, 1901-2; Principal, Mercer Academy and School of Music, 1902-4; Columbia University, Summer, 1903; Student, University of Leipzig, 1904-5; Fellow, the University of Chicago, 1905-6, 1906-7.

JOHN MCLAUGHLAN, A.M., Church History.

Student, McMaster University, 1899-1904; A.B., *ibid.*, 1903; A.M., *ibid.*, 1904; Graduate Student, the University of Chicago, 1904-5; Fellow, *ibid.*, 1905-6, 1906-7.

OSCAR EDWARD MEINZER, A.B., Geology.

Student, Beloit College, 1897-1901; A.B., *ibid.*, 1901; Principal of Public Schools, Frankfort, S.D., 1901; Professor of Physical Science, Lenox College, 1903-5; Graduate Student, the University of Chicago, 1905-6; Fellow, *ibid.*, 1906-7.

ALBERT ELI MERRILL, A.B., Physics.

Student, the University of Chicago, 1901-2; A.B., *ibid.*, 1902; Instructor in Physics and Mathematics, Williams College, 1902-3; Instructor in Physics, Case School of Applied Science, 1903-6; Fellow, the University of Chicago, 1906-7.

ROWLAND HECTOR MODE, A.M., Semitics.

Student, University of Toronto, 1894-9; A.B., *ibid.*, 1896; A.M., *ibid.*, 1899; Student, McMaster University, 1899-1902; Th.B., *ibid.*, 1901; D.B., *ibid.*, 1902; Professor of Semitics, *ibid.*, 1903-5; Fellow, the University of Chicago, 1905-6, 1906-7.

ROY LEE MOODIE, A.B., Palaeontology.

Student, University of Kansas, 1901-5; A.B., *ibid.*, 1906; Fellow, the University of Chicago, 1905-6, 1906-7.

GUY BURL MORRISON, A.B., Physiological Chemistry.

Student, Union College, Lincoln, Neb., 1899-1908; Student, Yale University, 1903-4; A.B., *ibid.*, 1904; Graduate Student, the University of Chicago, 1905-6; Fellow, *ibid.*, 1906-7.

FREDERIC OWEN NORTON, A.M., Greek.

Student, Prince of Wales College, P.E.I., 1887-9; Teacher, High School, New Glasgow, 1889-91; A.B., Kentucky University, 1893; A.M., *ibid.*, 1895; Instructor in Latin, Western College, 1895-1900; Graduate Student, the University of Chicago, 1900-2; Instructor in Classics, the University High School, 1902-3; Fellow, the University of Chicago, 1906-7.

CECIL CLARE NORTH, A.B., D.B., Sociology.

Student, Nebraska State Normal, 1896-7; Student, University of Nebraska, 1897-8, 1899-1902; A.B., *ibid.*, 1902; Graduate Student, Yale University 1902-3; Graduate Student, the University of Chicago, 1903-6; D.B., *ibid.*, 1906; Fellow, *ibid.*, 1906-7.

EUGENE BRYAN PATTON, A.B., Political Economy.

Student, Southwestern Baptist University, 1901-3; Student, Washington University, 1903-4; A.B., *ibid.*, 1904; Fellow, the University of Chicago, 1905-6, 1906-7.

JOSEPH PETERSON, S.B., Psychology.

Student, Brigham Young University, 1900-3; B.Pd., *ibid.*, 1902; Student, University of California, Summer, 1901, 1903; Student, the University of Chicago, 1904-5; S.B., *ibid.*, 1905; Graduate Student, *ibid.*, 1905-6; Fellow, *ibid.*, 1906-7.

FRANK HENRY PIKE, A.B., Physiology.

Student, Indiana University, 1899-1908; A.B., *ibid.*, 1908; Assistant in Embryology, Indiana University Biological Station, Summer, 1903; Graduate Student, the University of Chicago, 1903-6; Teacher, Muskegon, Mich., High School, 1904-5; Fellow, the University of Chicago, 1905-6, 1906-7.

MILO MILTON QUAIFF, Ph.B., A.M., History.

Student, Iowa College, 1899-1903; Ph.B., *ibid.*, 1906; Teacher of Latin and German, Sheffield, Ill., High School, 1903-4; Scholar in American History, University of Missouri, 1904-5; A.M., *ibid.*, 1905; Fellow, the University of Chicago, 1905-6, 1906-7.

ANNA BERTHA REED, Ph.B., A.M., German.

Student, Illinois Woman's College, 1893-6; Student, De Pauw University, 1896-8; Ph.B., *ibid.*, 1898; A.M., *ibid.*, 1900; Graduate Student, University of Berlin, 1902-3; Graduate Student, University of Zurich, 1903-4; Fellow, the University of Chicago, 1906-7.

WILLIAM JOHN REED, S.B., Geology.

Student, Northwestern University, 1901-5; S.B., *ibid.*, 1905; Fellow, the University of Chicago, 1906-7.

EDITH RUDOLPH, A.B., Romance Languages.

Student, Indiana University, 1902-6; A.B., *ibid.*, 1906; Fellow, the University of Chicago, 1906-7.

EVAN TAYLOR SAGE, A.M., Latin.

Student, University of Nebraska, 1898-1902; A.B., *ibid.*, 1902; A.M., the University of Chicago, 1904; Instructor in Latin, Hillside, Wis., Home School, 1904-5; Fellow, the University of Chicago, 1905-6, 1906-7.

DRAPER TOLMAN SCHOONOVER, A.B., Latin.

A.B., Washburn College, 1899; Graduate Student, the University of Chicago, 1899-1901; Student, American School for Classical Studies, Rome, 1901-2; Instructor in Latin, Morgan

Park High School, 1902-4; Professor of Latin, Beaver College, Pa., 1904-6; Fellow, the University of Chicago, 1906-7.

CHARLES MANFORD SHARPE, A.M., Systematic Theology.

Student, Butler College, 1890-2; Student, University of Kansas, 1893-7; A.B., *ibid.*, 1897; A.M., *ibid.*, 1899; Graduate Student, the University of Chicago, 1901-2; Professor in Old Testament, Bible College of Missouri, Columbia, 1904-6; Fellow, the University of Chicago, 1906-7.

CHARLES ALBERT SHULL, S.B., Zoology.

Student, Antioch College, O., 1900-2; Student the University of Chicago, 1902-5; S.B., *ibid.*, 1905; Fellow, *ibid.*, 1905-6, 1906-7.

HENRY SMITH, A.M., History.

Student, University of Illinois, 1900-2; A.B., *ibid.*, 1902; Graduate Student, the University of Chicago, 1902-3; A.M., *ibid.*, 1903; Instructor in History, Goshen College, 1903-5; Fellow, the University of Chicago, 1906-7.

MATTHEW LYLE SPENCER, A.M., English.

A.B., Kentucky Wesleyan College, 1903; A.M., *ibid.*, 1904; A.M., Northwestern University, 1905; Fellow, the University of Chicago, 1905-6, 1906-7.

THOMAS CALDERWOOD STEPHENS, M.D., Zoology.

Student, Duquesne College, 1892-4; Adrian College, 1894-6; Kansas City University, 1896-9; A.B., *ibid.*, 1901; Instructor, *ibid.*, 1897-9, 1901-2; Graduate Student, the University of Chicago, 1900-1; Lecturer and Laboratory Assistant, College of Physicians and Surgeons, Kansas City, 1903-4; M.D., *ibid.*, 1904; Fellow, the University of Chicago, 1904-6, 1905-7.

JOHN SUNDWALL, Ph.B., S.B., Anatomy.

Student, Central University of Utah, 1896-1900; Ph.B., *ibid.*, 1900; Principal, Kayville Layton School, Utah, 1900-2; Graduate Student, the University of Chicago, 1902-5; S.B., *ibid.*, 1905; Fellow, *ibid.*, 1905-6, 1906-7.

WILLIAM WALKER SWANSON, A.M., Political Economy.

Student, Queen's University, Ontario, 1901-5; A.B., *ibid.*, 1905; A.M., *ibid.*, 1905; Fellow, the University of Chicago, 1906-7.

BERTHOLD LOUIS ULLMAN, A.B., Latin.

A.B., the University of Chicago, 1903; Graduate Student, *ibid.*, 1903-6; Graduate Scholar, *ibid.*, 1903-4; Fellow, *ibid.*, 1904-6; Fellow on leave of absence and Research Assistant, 1906-7.

JOHN FREDERICK VIOHRT, A.B., A.M., D.B., Church History.

Student, McMaster University, 1892-8; A.B., *ibid.*, 1897; A.M., *ibid.*, 1898; D.B., *ibid.*, 1905; Pastor, Victoria, B.C., 1899-1905; Fellow, the University of Chicago, 1906-7.

MABEL THACHER WELLMAN, A.B., Household Administration.

A.B., Wellesley College, 1895; Teacher, Brookline Schools, 1895-1900; Instructor, Domestic Science Department, Chautauque Summer School, 1899, 1902, 1906; Student, Massachusetts Institute of Technology, 1897-8, 1902; Student, Bussey Institution, 1901; Instructor in Chemistry and Home Economics, Rockford College, 1902-6; Fellow, the University of Chicago, 1906-7.

EDWARD JOHN WILLIAMSON, A.M., German.

Student, Queen's University, Canada, 1894-1900; A.B., *ibid.*, 1896; A.M., *ibid.*, 1900; Tutor in Modern Languages, *ibid.*, 1899-1901; Student, University of Leipzig, 1901-3; Lecturer on Modern Languages, St. John's College, Winnipeg, 1904-5; Student, the University of Chicago, 1905-6; Fellow, *ibid.*, 1906-7.

SHIGEO YAMANOUCI, Botany.

Student, Tokyo High School, 1899-94; Student, Tokyo Higher Normal School, 1894-8; Assistant, *ibid.*, 1898-1900; Assistant Professor, *ibid.*, 1900-4; Fellow, the University of Chicago, 1905-6, 1906-7.

CLARENCE STONE YOAKUM, S.B., A.B., Psychology.

Student, Campbell College, Holton, Kan., 1898-1902; S.B.,

ibid., 1901; A.B., *ibid.*, 1902; Graduate Student, the University of Chicago, 1902-6; Fellow, *ibid.*, 1906-7.

GHEN-ICHIRO YOSHIOKA, Ph.B., Sanskrit.

Student, Northwestern University, 1899-1902; Ph.B., *ibid.*, 1902; Graduate Student, the University of Chicago, 1902-4; Fellow, *ibid.*, 1904-6, 1906-7.

SCHOLARS APPOINTED FOR THE YEAR 1905-6**I. GRADUATE SCHOLARS**

Appointed for excellence in the work of the Senior Colleges

WILLIAM JOSEPH BRADLEY, A.B., A.M., Philosophy.

ANA JULE ENKE, Ph.B., Romance.

NELLIE ADELE FULLER, A.B., Latin.

HERBERT MARCUS GOODMAN, S.B., Anatomy.

ALTA JOHNSON, Ph.B., Mathematics.

HORTENSE CLEMENT PARKER, A.B., History.

JOSEPH PETERSON, S.B., Psychology.

WANDA MAY PFEIFFER, S.B., Botany.

PAUL VAN CLEEF, S.B., Chemistry.

II. SENIOR COLLEGE SCHOLARS

Appointed for excellence in the work of the Junior Colleges

JUDSON GERALD BENNETT, Mathematics.

EMILY BARNARD COX, Romance.

MARY GARRITT, History.

FREDERICK HALL KAY, Geography.

ROBERT KUIPER, Greek.

HARVEY BRACE LEMON, Astronomy.

CAROLINE MCBRIDE, English.

CHARLES ELMER NIXON, Physics.

CHAUNCEY J. VALLETTE PETTIBONE, Germanic.

MURIEL SCHENKENBURG, Latin.

ARTHUR CARLTON TROWBRIDGE, Geology.

RUSSELL MORSE WILDER, Chemistry.

III. AFFILIATION SCHOLARS

Appointed for excellence in the work of an Affiliated Institution

ROBERT TEMPLE CROUCH, Morgan Park Academy.

ANNA HARRIETTE DAVIS, Frances Shimer Academy.

IV. JUNIOR COLLEGE SCHOLARS

Appointed for excellence in the work of a Co-operating School

DWIGHT AKERS, Bloomington High School.

AARON ARKIN, Hyde Park High School.

CLYDE BAUER, Goshen (Ind.) High School.

OSCAR BLUMENTHAL, Peoria High School.

CONRAD BORCHARDT, North West Division High School.

FRED CORNELIUS CALDWELL, J. Sterling Morton High School.

MARY ETHEL COURTENAY, Englewood High School.

DAVID DAVIS, Hyde Park High School.

ABRAM DEKKER, Calumet High School.

ELIZABETH ERICKSON, Austin High School.

ISADORE ETTLINGER, Joliet High School.

GEORGE FECHTER, Manitowoc (Wis.) High School.

PERCY FRANCOIS, Ishpeming (Mich.) High School.

BURDELLA FREEMAN, McKinley High School.

LAWRENCE GRANNIS, Lake View High School.

ALVA HENDERSON, Colorado Springs (Colo.) High School.

SAMUEL HOWE, Topeka (Kan.) High School.

HELEN JACOBY, Manual Training (Indianapolis, Ind.) High School.

ELIZABETH CECILIA JANKE, Galveston (Tex.) High School.

ARTHUR JOHNSON, DeKalb High School.

RUTH KELLOGG, Manual Training (Indianapolis, Ind.) High School.

FOUNTAIN LEIGH, DuQuoin High School.

CHARLES LEVITON, Joseph Medill High School.

ARCHIE LOOMER, Benton Harbor (Mich.) High School.

HULDA LUDWIG, Leadville (Colo.) High School.

HERBERT OTTO LUSKY, Ottawa High School.

MARY JOSEPHINE MOYNIHAN, Robert Waller High School.

BENJAMIN FRANKLIN NEWMAN, Toledo (O.) Central High School.

MARION PEABODY, Hyde Park High School.

CHARLES PERRY, Wheaton High School.

GEORGE STACEY PFEIFFER, R. T. Crane High and Manual Training School.

NORMA ETTA PFEIFFER, Lake High School.

CLARA STRONG ROE, Quincy High School.

LEIGH SANFORD, Lyons Township (LaGrange) High School.

ROSE JOSEPHINE SEITZ, Wendell Phillips High School.

TRACY SIMPSON, Hyde Park High School.

ADA SKINNER, Elgin High School.

SOLOMON ALEXANDER STEINBERG, Louisville (Ky.) Boys' High School.

ETEL STRAUCHAN, Kansas City (Mo.) Central High School.

ANSEL STUBBS, Kansas City (Kan.) High School.

MABEL ESTELLE TURNER, Morgan Park High School.

ELIZA JANE WILKINSON, South Chicago High School.

V. SPECIAL SCHOLARS

IDA MCCARTHY, Colonial Dames.

WILLIAM VERNON SKILES, Colonial Dames.

HILDUR CHRISTINA WESTLUND, Lillian Gertrude Selz.

VI. LAW SCHOOL LIBRARY SCHOLARS

ELIAS CONWAY ASHTON.

CLAUDE ALBERT BENNETT.

SYDNEY ARTHUR CRYOR.

MILLIMAN WHITE SWEET.

CHESTER GARFIELD VERNIER.

DUDLEY KEZER WOODWARD.

VII. CORRESPONDENCE-STUDY SCHOLARS

CLASS A

(Students who began and passed the greatest number of Majors between April 1, 1906, and April 1, 1908)

ELSIE FRANCES DUBIEN, Joliet, Ill.

KATHERINE ELIZABETH FORSTER, Buffalo, N. Y.
(Won for the second time)

HELEN STODDARD LOVELAND, Chicago, Ill.

CLASS B

(Students who have begun and passed four or more Majors between April 1, 1904, and April 1, 1906, since last announcement)

HENRY EASTMAN BENNETT, Lake City, Fla.

ROYAL WESLEY BULLOCK, Greeley, Colo.

EDWINA LOUELLA DORLAND, Chicago, Ill.

ELSIE FRANCES DUBIEN, Joliet, Ill.

(Entitled to two scholarships of this class)

WALTER LINDLEY ELLIOTT, Valley, Neb.

KATHERINE ELIZABETH FORSTER, Buffalo, N. Y.

(Entitled to two scholarships of this class)

BEULAH WATERS FRANKLIN, Lexington, Ill.

FLORENCE CURTIS HANSON, Olean, N. Y.

CARRIE B. HEMENGER, Rockford, Ill.

ROSCOE MYRL IHRIG, Wooster, O.

HELEN STODDARD LOVELAND, Chicago, Ill.

ELIZABETH MINER, Chicago, Ill.

BLANCHE ETHEL THOMPSON, New Haven, Conn.

HONORABLE MENTION

(Students who have begun and passed three Majors between April 1, 1904, and April 1, 1906, since last announcement)

JOSEPH BAILEY CAMPBELL, Brentwood, Tenn.

MARY VIRGINIA ELLIS, Hannibal, Mo.

ENOCH GEORGE PAYNE, Paducah, Ky.

KITTIE MONNIE QUINCHER, Topeka, Kan.

FREDERICK LAMSON WHITNEY, Osage, Ia.

MARY MORTON WOOD, Eastport, Me.

UNIVERSITY RULING BODIES

The University Senate

THE PRESIDENT, *Chairman*

The Recorder, *ex officio*.

Professor ERI BAKER HULBERT.

Professor THOMAS CHROWDER CHAMBERLIN.

Professor CHARLES OTIS WHITMAN.

Professor RICHARD GREEN MOULTON.

Professor JOHN MERLE COULTER.

Professor WILLIAM GARDNER HALE.

Professor HARRY PRATT JUDSON.

Professor SAMUEL WENDELL WILLISTON.

Professor JAMES LAURENCE LAUGHLIN.

Professor ALBERT ABRAHAM MICHELSON.

Professor FRANK BIGELOW TARBELL.

Professor ERNEST DEWITT BURTON.

Professor ALBION WOODBURY SMALL.

Professor PAUL SHOREY.

Professor HENRY HERBERT DONALDSON.

Professor FLOYD RUSSELL MECHEM.

Professor ROLLIN D. SALISBURY.

Professor STARR WILLARD CUTTING.

Professor ERNST FREUND.

Professor ANDREW CUNNINGHAM McLAUGHLIN.

Professor JOHN MATTHEWS MANLY.

Professor GEORGE NEIL STEWART.

Professor ELIAKIM HASTINGS MOORE.

Professor ROBERT FRANCIS HARPER.

Professor LUDVIG HEKTOEN.

Professor JOHN ULRIC NEF.

Professor JAMES HAYDEN TUFTS.

Professor EDWIN BRANT FROST.

Professor CARL DARLING BUCK.

Professor ALEXANDER SMITH.

Professor AMOS ALONZO STAGG.

Professor JAMES ROWLAND ANGELL.

Professor CLARK BUTLER WHITTIER.

Professor JAMES PARKER HALL.

Associate Professor KARL PIETSCH.

Professor CHARLES RICHMOND HENDERSON,

Representing the Collegiate Alumni of the Congregation, 1906-7.

Professor EDWARD CAPPS,

Representing the Graduate Alumni of the Congregation, 1906-7.

Professor FRANKLIN JOHNSON,

Representing the Divinity Alumni of the Congregation, 1906-7.

The University Council

THE PRESIDENT, *Chairman*

The Recorder, *ex officio*.

Professor CHARLES RICHMOND HENDERSON,
Chaplain.

Dr. THOMAS WAKEFIELD GOODSPEED,
Registrar.

Professor HARRY PRATT JUDSON,
Dean of the Faculties of Arts, Literature, and Science.

Professor ALBION WOODBURY SMALL,
Dean of the Graduate School of Arts and Literature.

Professor ROLLIN D. SALISBURY,
Dean of the Ogden (Graduate) School of Science.

Professor ERI BAKER HULBERT,
Dean of the Divinity School.

Professor SHAILER MATHEWS,
Junior Dean of the Divinity School.

Professor JAMES PARKER HALL,
Dean of the Law School.

Associate Professor FRANCIS WAYLAND SHEPARDSON
Dean of the Senior Colleges.

Professor GEORGE EDGAR VINCENT,
Dean of the Junior Colleges.

Professor EDWARD CAPPS,
Dean in the Junior Colleges.

Professor ALEXANDER SMITH,
Dean in the Junior Colleges.

Associate Professor ROBERT MORRIS LOVETT,
Dean in the Junior Colleges.

Professor WILLIAM DARNALL MACCLINTOCK,
Dean in the Junior Colleges.

Dean of the College of Commerce and Administration.

- Professor NATHANIEL BUTLER,
Dean of the College of Education and Director of Co-operating Work.
- Professorial Lecturer JOHN MILTON DODSON,
Dean of Medical Students.
- Assistant Professor HARRY GIDEON WELLS,
Dean in Medical Work.
- Professor MARION TALBOT,
Dean of Women and Dean in the Junior Colleges.
- SOPHONISBA PRESTON BROOKINRIDGE,
Assistant Dean of Women and Dean in the Junior Colleges.
- Assistant Professor ELIZABETH WALLACE,
Dean in the Junior Colleges.
- Professor CHARLES REID BARNES,
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2. The Faculty of Science, in charge of the Ogden (Graduate) School of Science and of the Senior College of Science.

3. The Faculty of the Divinity School, in charge of the Graduate Divinity School, the English Theological Seminary, the College of Religious and Social Science, and the Scandinavian Theological Seminaries.

4. The Faculty of the Law School.

5. The Faculty of the School of Education.

6. The Faculty of the College of Commerce and Administration.

7. The United Faculty of the Junior Colleges.

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- GEORGE LINCOLN HENDRICKSON, A.B., L.H.D., *Professor of Latin.*
- EDWARD CAPPS, Ph.D., *Professor of Greek; Dean of the Junior College of Arts (Men).*
- CHARLES ZUEBLIN, Ph.B., D.B., *Professor of Sociology.*
- AMOS ALONZO STAGG, A.B., *Professor and Director of the Division of Physical Culture and Athletics.*

* Resigned.

- JAMES HENRY BREASTED, Ph.D., *Professor of Egyptology and Oriental History; Director of Haskell Oriental Museum.*
- GEORGE WILLIAM MYERS, Ph.D., *Professor of the Teaching of Mathematics and Astronomy, School of Education.*
- GEORGE ELLERY HALE, S.B., Sc.D., *Non-Resident Professor of Astrophysics.*
- JAMES ROWLAND ANGELL, A.M., *Professor and Head of the Department of Psychology; Director of the Psychological Laboratory.*
- ROBERT HERRICK, A.B., *Professor of English.*
- ALBERT PRESCOTT MATHEWS, Ph.D., *Professor of Physiological Chemistry.*
- JAMES PARKER HALL, A.B., LL.B., *Professor of Law; Dean of the Law School.*
- JOHN MASON TYLER, Ph.D., *Professor of Biology, Amherst College; Lecturer on Education (Summer Quarter, 1906).*
- JAMES MARK BALDWIN, Ph.D., LL.D., *Head of the Department of Philosophy and Psychology, Johns Hopkins University (Summer Quarter, 1906).*
- GEORGE NORLIN, Ph.D., *Professor of Greek, University of Colorado (Summer Quarter, 1906).*
- GENEVA MISENER, Ph.D., *Professor of Greek and Latin, Rockford College (Summer Quarter, 1906).*
- GRAHAM TAYLOR, D.D., LL.D., *Professorial Lecturer on Sociology.*
- WALTER STANLEY HAINES, A.M., M.D., *Professorial Lecturer on Toxicology.*
- CHARLES CUTHBERT HALL, D.D., *Barrows Professorial Lecturer on Comparative Religion.*
- ERNEST R. DEWSNUP, A.M., *Professorial Lecturer on Railways, and Curator of the Museum of Commerce.*
- JAMES H. VAN SICKLE, A.M., *Superintendent of Schools, Baltimore, Md., Lecturer on Education (Summer Quarter, 1906).*
- DANIEL PETER MacMILLAN, Ph.D., *Director of Child-Study, Chicago Public Schools; Lecturer on Education (Summer Quarter, 1906).*
- CHARLES KENNETH LEITH, Ph.D., *Professor of Geology, University of Wisconsin; Lecturer on Pre-Cambrian Geology (Winter Quarter, 1907).*
- FRANCIS ADELBERT BLACKBURN, Ph.D., *Associate Professor of the English Language.*
- HEINRICH MASCHKE, Ph.D., *Associate Professor of Mathematics.*
- OLIVER JOSEPH THATCHER, Ph.D., *Associate Professor of Mediæval and English History.*
- FRANK JUSTUS MILLER, Ph.D., *Associate Professor of Latin; Examiner for Secondary Schools.*
- KARL PIETSCH, Ph.D., *Associate Professor of Romance Philology.*
- CLARENCE FASSETT CASTLE, Ph.D., *Associate Professor of Greek on the EDWARD OLSEN Foundation.*
- MYRA REYNOLDS, Ph.D., *Associate Professor of English Literature; Head of Nancy Foster House.*
- FREDERICK STARR, Ph.D., *Associate Professor of Anthropology; Curator of the Anthropological Section of Walker Museum.*
- FRANCIS WAYLAND SHEPARDSON, Ph.D., LL.D., *Associate Professor of American History; Dean of the Senior Colleges.*
- GEORGE HERBERT MEAD, A.B., *Associate Professor of Philosophy.*
- WILLIAM ISAAC THOMAS, Ph.D., *Associate Professor of Sociology; Superintendent of Departmental Libraries.*
- FREDERIC IVES CARPENTER, Ph.D., *Associate Professor of English.*
- *CAMILLO VON KLENZE, Ph.D., *Associate Professor of German Literature.*
- WILLIAM BISHOP OWEN, Ph.D., *Associate Professor of Education; Dean of the University High School.*
- THOMAS ATKINSON JENKINS, Ph.D., *Associate Professor of French Philology.*
- EDWIN OAKES JORDAN, Ph.D., *Associate Professor of Bacteriology.*
- FERDINAND SCHWILL, Ph.D., *Associate Professor of Modern History.*
- ROBERT RUSSELL BENSLEY, A.B., M.B., *Associate Professor of Anatomy.*
- ADDISON WEBSTER MOORE, Ph.D., *Associate Professor of Philosophy.*
- FRANK RATTRAY LILLIE, Ph.D., *Associate Professor of Embryology; Assistant Curator of the Zoölogical Museum.*
- JEROME HALL RAYMOND, Ph.D., *Associate Professor of Sociology.*

*Resigned.

- ROBERT MORSS LOVETT, A.B., *Associate Professor of English; Dean in the Junior Colleges.*
 SOLOMON HENRY CLARK, PH.D., *Associate Professor of Public Speaking.*
- WILLIAM HOOVER, PH.D., *Non-Resident University Extension Assistant Professor of Mathematics.*
 ALBERT HARRIS TOLMAN, PH.D., *Assistant Professor of English Literature.*
 *HANS M. SCHMIDT-WARTENBERG, PH.D., *Assistant Professor of Germanic Philology.*
 PAUL OSKAR KERN, PH.D., *Assistant Professor of Germanic Philology.*
 †THORSTEIN B. VEBLEN, PH.D., *Assistant Professor of Political Economy.*
 FRANCIS ASBURY WOOD, PH.D., *Assistant Professor of Germanic Philology.*
 ALICE PELOUBET NORTON, A.M., *Assistant Professor of Household Administration.*
 HERBERT ELLSWORTH SLAUGHT, PH.D., *Assistant Professor of Mathematics; Secretary of the Board of Recommendations.*
 GEORGE CARTER HOWLAND, A.M., *Assistant Professor of Italian Philology.*
 IRA WOODS HOWERTH, PH.D., *Assistant Professor of Sociology.*
 DAVID JUDSON LINGLE, PH.D., *Assistant Professor of Physiology.*
 JOHN GORDON WILSON, A.M., M.B., *Assistant Professor of Anatomy.*
 HERBERT LOCKWOOD WILLETT, PH.D., *Assistant Professor of the Semitic Languages and Literatures*
 KURT LAVES, PH.D., *Assistant Professor of Astronomy.*
 ELIZABETH WALLACE, S.B., *Assistant Professor of French Literature; Head of Beecher House; Dean of the Junior College of Literature (Women).*
 JACOB WILLIAM ALBERT YOUNG, PH.D., *Assistant Professor of the Pedagogy of Mathematics.*
 CLYDE WEBER VOTAW, D.B., PH.D., *Assistant Professor of Biblical Greek.*
 GEORGE AMOS DORSEY, PH.D., *Assistant Professor of Anthropology.*
 JOHN PAUL GOODE, PH.D., *Assistant Professor of Geography.*
 WILLIAM HILL, A.M., *Assistant Professor of Political Economy.*
 CHARLES RIBORG MANN, PH.D., *Assistant Professor of Physics.*
 CHARLES MANNING CHILD, PH.D., *Assistant Professor of Zoology.*
 EDGAR JOHNSON GOODSPEED, PH.D., *Assistant Professor of Biblical and Patristic Greek; Assistant Director of Haskell Oriental Museum.*
 GORDON JENNINGS LAING, PH.D., *Assistant Professor of Latin.*
 ROBERT ANDREWS MILLIKAN, PH.D., *Assistant Professor of Physics.*
 PHILIP SCHUYLER ALLEN, PH.D., *Assistant Professor of German Literature.*
 JOHN CUMMINGS, PH.D., *Assistant Professor of Political Economy.*
 HERBERT NEWBY McCOY, PH.D., *Assistant Professor of Physical Chemistry.*
 JAMES WESTFALL THOMPSON, PH.D., *Assistant Professor of European History; Director of University Houses.*
 LEONARD EUGENE DICKSON, PH.D., *Assistant Professor of Mathematics.*
 *WILLIAM VAUGHN MOODY, A.M., *Assistant Professor of English.*
 WILLARD CLARK GORE, PH.D., *Assistant Professor of Psychology.*
 FREDRIC MASON BLANCHARD, A.M., *Assistant Professor of Public Speaking.*
 STUART WELLER, PH.D., *Assistant Professor of Paleontologic Geology.*
 FOREST RAY MOULTON, PH.D., *Assistant Professor of Astronomy.*
 CARL KINSLEY, A.M., M.E., *Assistant Professor of Physics.*
 CHARLES EDWARD MERRIAM, PH.D., *Assistant Professor of Political Science.*
 HERBERT JOSEPH DAVENPORT, PH.D., *Assistant Professor of Political Economy; Head of North House.*
 HARRY GIDEON WELLS, PH.D., M.D., *Assistant Professor of Pathology.*
 JOSEPH EDWARD RAYCROFT, A.B., M.D., *Assistant Professor of Physical Culture.*
 WALDEMAR KOCH, PH.D., *Assistant Professor of Physiological Chemistry.*
 ANTON JULIUS CARLSON, PH.D., *Assistant Professor of Physiology.*
 PRESTON KYES, A.M., M.D., *Assistant Professor of Experimental Pathology.*

*Absent on leave.

†Resigned.

EDWARD OCTAVIUS SISSON, Ph.D., *Assistant Professor of Education University of Illinois; Lecturer on Education* (Summer Quarter 1906).

ROBERT ELKIN NEIL DODGE, A.M., *Assistant Professor of English, University of Wisconsin* (Summer Quarter, 1906).

HARDIN CRAIG, Ph.D., *Preceptor in English, Princeton University* (Summer Quarter, 1906).

ELLEN CHURCHILL SEMPLE, Ph.D., *Assistant Professor of Geography* (Summer Quarter, 1906).

THEODORE LEE NEFF, A.M., Ph.D., *Instructor in French.*

THOR ROTHSTEIN, A.B., M.D., *Instructor in Neuropathology.*

ERNEST JEAN DUBEDOUT, Dr. ès Lettres, *Instructor in French Literature.*

MARTIN SCHÜTZE, Ph.D., *Instructor in German Literature.*

JOHN ADELBERT PARKHURST, S.M., *Instructor in Practical Astronomy.*

CHARLES JOSEPH CHAMBERLAIN, A.M., Ph.D., *Instructor in Morphology and Oytology.*

EDWARD AMBROSE BECHTEL, Ph.D., *Instructor in Latin; Dean in University College.*

SOPHONISBA PRESTON BRECKINRIDGE, Ph.D., J.D., *Instructor in Household Administration; Assistant Dean of Women; Dean of the Junior College of Arts (Women).*

EDWARD SCRIBNER AMES, Ph.D., *Instructor in Philosophy.*

BROWN PUSEY, M.D., *Instructor in the Pathology of the Eye.*

*TORILD ARNOLDSON, A.B., *Instructor in German and Scandinavian Languages.*

ROBERT JOHNSON BONNER, Ph.D., *Instructor in Greek and in Ancient History.*

LAUDER WILLIAM JONES, Ph.D., *Instructor in Analytical Chemistry.*

GEORGE ELMER SHAMBAUGH, M.D., *Instructor in Anatomy of Ear, Nose, and Throat.*

HENRY CHANDLER COWLES, Ph.D., *Instructor in Ecology, Head of Washington House.*

ROBERT FRANKLIN HOXIE, Ph.D., *Instructor in Political Economy.*

GEORGE BREED ZUG, A.B., *Instructor in the History of Art.*

JOHN MERLIN POWIS SMITH, Ph.D., *Instructor in Semitic Languages and Literatures.*

CHARLES HENRY BEESON, A.M., *Instructor in Latin.*

JOSEPH PARKER WARREN, Ph.D., *Instructor in History.*

DANIEL GRAISBERRY REVELL, A.B., M.B., *Instructor in Anatomy.*

HOWARD TAYLOR RICKETTS, S.B., M.D., *Instructor in Pathology.*

BASIL COLEMAN HYATT HARVEY, A.B., M.B., *Instructor in Anatomy.*

NORMAN MACLEOD HARRIS, M.B., *Instructor in Bacteriology.*

JOHN CHARLES HESSLER, Ph.D., *Instructor in Chemistry.*

HIRAM PARKER WILLIAMSON, A.M., *Instructor in French.*

HENRY GORDON GALE, Ph.D., *Instructor in Physics.*

JAMES WEBER LINN, A.B., *Instructor in English.*

THOMAS BRUCE FREAS, A.B., *Curator, Department of Chemistry.*

CHARLES CLAUDE GUTHRIE, M.D., *Instructor in Physiology.*

WALLACE WALTER ATWOOD, Ph.D., *Instructor in Physiography and General Geology.*

PERCY HOLMES BOYNTON, A.M., *Instructor in English.*

ROBERT MORRIS, LL.B., A.M., *Instructor in Political Economy.*

EDITH FOSTER FLINT, Ph.B., *Instructor in English.*

TREVOR ARNETT, A.B., *University Auditor.*

WILLIAM PIERCE GORSUCH, A.B., *Instructor in Public Speaking.*

*BENSON AMBROSE COHOE, A.B., M.B., *Instructor in Anatomy.*

ARTHUR CONSTANT LUNN, A.M., Ph.D., *Instructor in Applied Mathematics, the School of Education.*

ADOLPH CHARLES von NOÉ, A.M., Ph.D., *Instructor in German Literature.*

JOHN BROADUS WATSON, Ph.D., *Instructor in Experimental Psychology.*

HENRY PORTER CHANDLER, A.B., *Instructor in English; Secretary to the President.*

WILLIAM LAWRENCE TOWER, S.B., *Instructor in Embryology.*

GERTRUDE DUDLEY, *Instructor in Physical Culture.*

* Resigned.

LILLIAN SOPHIA CUSHMAN, *Instructor in Art, the College of Education.*
 CLARA ISABEL MITCHELL, *Instructor in Domestic Art and Textiles, the College of Education.*
 FREDERICK LESLIE RANSOME, Ph.D., *Lecturer on Ore Deposits (Winter Quarter, 1907).*
 IRVING KING, Ph.D., *Pratt Institute; Lecturer on Education (Summer Quarter, 1906).*
 NELS JOHANN LENNES, S.M., *Instructor in Mathematics, Wendell Phillips High School, Chicago (Summer Quarter, 1906).*
 MYRON LESLIE FULLER, *Lecturer on Hydrology (Spring Quarter, 1906).*

JOHN JACOB MEYER, Ph.D., *Associate in German.*
 *SAMUEL ALEXANDER MATTHEWS, M.D., *Associate in Pharmacology.*
 WILLIS BOIT HOLMES, Ph.D., *Associate in Chemistry.*
 SUSAN HELEN BALLOU, Ph.B., *Associate in Latin.*
 FLORENCE MAY LYON, Ph.D., *Associate in Morphology.*
 REUBEN MYRON STRONG, Ph.D., *Associate in Zoology.*
 HENRIETTA KATHERINE BECKER, Ph.D., *Associate in German.*
 *MILTON ALEXANDER BUCHANAN, A.B., *Associate in Romance Languages.*
 CHARLES GOETTSCH, A.B., *Associate in German.*
 HENRI CHARLES EDOUARD DAVID, A.B., A.M., *Associate in French.*
 EDITH ETHEL BARNARD, S.B., *Associate in Chemistry.*
 BERTRAM GRIFFITH NELSON, A.B., *Associate in Public Speaking.*
 *CHARLES ANDREWS HUSTON, A.B., *Associate in English.*
 DAVID ALLAN ROBERTSON, A.B., *Associate in English.*
 ALBERT WOELFEL, M.D., *Associate in Physiology.*
 JAMES FINCH ROYSTER, A.B., *Associate in English.*
 SAMUEL NORTHRUP HARPER, A.B., *Associate in the Russian Language and Literature.*
 EARLE BROWNELL BABCOCK, A.B., *Associate in French.*
 ANNETTE BUTLER, *Associate in Wood-working, the School of Education.*
 ELIZABETH EUPHROSYNE LANGLEY, *Associate in Manual Training, the School of Education.*

ELIZABETH HOPKINS DUNN, A.M., M.D., *Research Assistant in Neurology.*
 SHINKISHI HATAI, Ph.D., *Assistant in Neurology.*
 HEINRICH HASSELBRING, S.B., *Assistant in Botany*
 ALBERT ELLSWORTH HILL, A.B., *Assistant in English.*
 JOEL ERNEST CARMAN, S.B., *Research Assistant in Geology.*
 GEORGE WINCHESTER, S.B., A.B., *Lecture Assistant in Physics.*
 OSKAR ECKSTEIN, Ph.D., *Research Assistant in Chemistry.*
 OSCAR ANDREW KNUDSON, *Assistant in Physical Culture.*
 JOSEPH BEIFUS, A.B., *Assistant in German.*
 WILFRED LEONARD CHILDS, *Assistant in Physical Culture.*
 HUGH McGUIGAN, S.B., *Assistant in Physiological Chemistry.*
 THOMAS MATHESON WILSON, S.M., *Assistant in Physiology.*
 HANS ERNEST GRONOW, Ph.B., *Assistant in German.*
 ELLIOT SNELL HALL, Ph.D., *Research Assistant in Chemistry.*
 MARY HEFFERAN, Ph.D., *Assistant and Curator of the Bacteriological Museum.*
 EDWIN GARVEY KIRK, S.B., *Assistant in Anatomy.*
 ARTHUR GRANT STILLHAMER, A.M., *Assistant in Astrophysics.*
 VICTOR ERNEST SHELFORD, S.B., *Laboratory Assistant in Zoology.*
 EMIL GOETTSCH, S.B., *Assistant in Anatomy.*
 †PHILIP FOX, S.B., *Assistant in Astrophysics.*

*Resigned.

†Absent on leave, 1905-6.

- ROBERT JAMES WALLACE, *Photophysicist at the Yerkes Observatory.*
WILLIAM BURNETT McCALLUM, Ph.D., *Assistant in Botany.*
HANNAH LOUISA LIVERMORE, *Assistant in Physical Culture.*
CHARLES AUGUSTUS SARTAIN, *Assistant in Physical Culture.*
SARAH GUYER, *Assistant in Physical Culture.*
JAMES HENRY LEES, S.M., *Research Assistant in Geology.*
ROBERT WILHELM HEGNER, S.M., *Laboratory Assistant in Zoology.*
KATASHI TAKAHASHI, *Technical Assistant in Neurology.*
HARLAN HARLAND BARROWS, S.B., *Laboratory Assistant in Geology and Assistant in Geography.*
DAVID ANDERSON COVINGTON, A.B., A.M., *Assistant in Greek.*
ERNEST DEKOVEN LEFFINGWELL, A.B., *Research Assistant in Geology, 1905-6.*
JOHN THOMAS PATTERSON, S.B., *Laboratory Assistant in Zoology.*
OSCAR RIDDLE, S.M., *Laboratory Assistant in Zoology.*
SAMUEL HENRY AYERS, S.B., *Assistant in Bacteriology.*
WILLIAM JESSE GOADLAND, S.B., *Assistant in Morphology.*
DENNIS EMERSON JACKSON, A.M., *Assistant in Physiological Chemistry.*
- WILFRED HAMILTON MANWARING, M.D., *Assistant in Pathology (Summer Quarter, 1906).*
MARY ELEANOR TARRANT, *Assistant in Field Botany (Summer Quarter, 1906).*
THOMAS McDOUGALL HILLS, Ph.B., *Assistant in Geology (Summer Quarter, 1906).*
WILLIAM CLINTON ALDEN, Ph.D., *Docent in Field Geology.*
GHEN-ICHIRO YOSHIOKA, Ph.B., *Docent in Japanese.*
OLAF ALFRED TOFFTEEN, Ph.D., *Docent in the Semitic Languages and Literatures.*
EDMUND BUCKLEY, Ph.D., *Docent in Comparative Religion (Summer Quarter).*

II. INTRODUCTORY

DEPARTMENTS OF INSTRUCTION

The work of instruction in Arts, Literature, and Science is organized as follows: the Graduate School of Arts and Literature; the Ogden Graduate School of Science; the College of Arts; the College of Literature; the College of Commerce and Administration; the College of Science. The work of the undergraduate Colleges is divided, for purposes of classification and administration, into two two-year sections instead of into classes known respectively as the Senior Colleges and the Junior Colleges. The Faculties and the courses of instruction are grouped under thirty-two Departments (see Part II, Courses of Instruction).

THE UNIVERSITY YEAR AND THE COURSES OF INSTRUCTION

THE UNIVERSITY YEAR

The university year is divided into four Quarters of about twelve weeks each. The Autumn, Winter, and Spring Quarters begin on the first day of October, January, and April, respectively, and the Summer Quarter on the day next following the last day of the Spring Quarter. The Summer Quarter is divided into two equal Terms.

At the close of the Autumn and Winter Quarters there is a recess of about a week. At the close of the Spring Quarter there is no recess. At the close of the Summer Quarter there is a recess of about four weeks.

Students are admitted at the opening of any one of

the four Quarters, and at the opening of the Second Term of the Summer Quarter.

Degrees are conferred at the close of each Quarter at the Quarterly Convocation.

COURSES OF INSTRUCTION

A course of instruction which meets daily (i. e., four or five days a week) throughout the Quarter is called a *Major*. A course which meets daily throughout a Term is called a *Minor*. A course which meets two hours daily for a Term is called a *Double Minor*; for the Quarter, a *Double Major*. A seminar usually counts as a *Major*.

III. THE JUNIOR AND SENIOR COLLEGES. ADMISSION

§ 1. Time of Preparation—Admission Units.

Preparation for admission to a Junior College is expected to cover a period of four years in a secondary school (high school or academy) of high grade. Admission credits are reckoned in units. A unit is a course of study comprising not less than 150 hours of prepared work. Two hours of laboratory work are regarded as the equivalent of one hour of prepared work.

§ 2. Subjects Accepted for Admission and their Unit Values.

The work accepted for admission is classified according to Departments in the following list. Under each Department the subjects for examination are numbered 1, 2, 3, etc. The numbers correspond in each case with those given under the several Departments in the following table. The unit value of each subject is specified. For description of the ground covered by each of these units see § 7.

Civics, or Political Economy, $\frac{1}{2}$ unit.

History 1, Greek, $\frac{1}{2}$ unit; History 2, Roman, $\frac{1}{2}$ unit; History 3a, European, Mediæval, and History 3b, European, Modern, together 1 unit; History 4a, United States, Elementary, $\frac{1}{2}$ unit; History 4b, United

States, Advanced, 1 unit; History 5a, English, Elementary, $\frac{1}{2}$ unit; History 5b, English, Advanced, 1 unit.

Greek 1, Elementary, 1 unit; Greek 2, Anabasis and Prose Composition, 1 unit; Greek 3, Homer, 1 unit.

Latin 1, Cæsar; Latin 2, Elementary Prose, 2 units; Latin 3, Virgil; Latin 4, Cicero; Latin 5, Advanced Prose Composition, 2 units.

French 1, 2, and 3, each 1 unit.

Spanish, 1 unit.

German, 1, 2, and 3, each 1 unit.

English, 3 units.

Biblical History and Literature, $\frac{1}{2}$ or 1 unit.

Mathematics 1a, Algebra to Quadratics, 1 unit; Mathematics 1b, Algebra through Quadratics, $\frac{1}{2}$ unit; Mathematics 2, Plane Geometry, 1 unit; Mathematics 3, Solid Geometry, $\frac{1}{2}$ unit; Mathematics 4, Trigonometry, $\frac{1}{2}$ unit.

Astronomy, $\frac{1}{2}$ unit.

Physica, 1 unit.

Chemistry, 1 unit.

Geology, $\frac{1}{2}$ unit.

Physiography, $\frac{1}{2}$ or 1 unit.

Zoology, 1 unit } or $\frac{1}{2}$ unit each.
Botany, 1 unit }

Physiology, $\frac{1}{2}$ unit.
 Mechanical Drawing, 1 unit.
 Freehand Drawing, $\frac{1}{2}$ or 1 unit.
 Shopwork, 1 unit.

§ 3. Amount of Work.

A candidate is admitted on the presentation of 15 units from the list of approved subjects (§ 2).

§ 4. Specific Subjects.

Of the 15 units presented for admission, 3 units must be English; 3 units, language other than English; and $2\frac{1}{2}$ units, Mathematics. One additional unit of language other than English will be required of a student who enters the College of Literature.

§ 5. Limitations.

(1) Not more than one unit each of United States History and of English History will be accepted. (2) Not more than 4 units in Science will be accepted. (3) College credit for work done in a high school or academy in excess of the 15 units will be granted only on the following terms: (a) On presentation of a certificate of an amount of work equivalent in quantity and kind to that required in the corresponding course in the Junior College; and (b) on passing an examination at the University within six months after admission.

§ 6. Advised Grouping of Preparatory Subjects.

(1) A student who wishes to enter the College of Arts is advised to present, besides the required English and Mathematics, 4 units of Latin and 3 units of Greek. (2) A student who wishes to enter the College of Literature or the College of Philosophy is advised to present, besides the required English and Mathematics, 5 units of Latin, French, or German, and 2 units of History. (3) A student who wishes to enter the College of Science is advised to present, besides the required English, 3 units of Mathematics, 4 units of Latin, French, or German, and 2 units of Science.

NORMS.—(a) While Latin is not required for admission to the Colleges of Literature, of Philosophy, and of Commerce and Administration, or for graduation from them, all students entering these colleges are advised to take Latin; and students who expect to do advanced work or to teach in Political Economy, Political Science, History, Sociology, French, German, or English, or who expect to enter the Divinity School, or the Law School, are advised to take at least 3 units of Latin. Latin is required for admission to the Divinity School as well as to the course in Medicine, and is a prerequisite for graduate work in any of the departments mentioned.

(b) Students who intend to study Medicine are advised to present for admission 2 units of Latin, 3 units of French or German, 1 unit each of Physics and Chemistry, 3 units of Mathematics (including $\frac{1}{2}$ unit of Trigonometry). All of these subjects are included in the requirements for admission to the courses in Medicine.

§ 7. Description of Subjects accepted for Admission.

The scope of the subjects accepted for admission is indicated in the pages which follow. The numbers in each Department correspond with those in the tables above.

POLITICAL ECONOMY

Some standard text, such as Laughlin's *Elements of Political Economy*, should be used as the basis of work and of classroom discussion. Students should have access also to selected economic treatises, and should be encouraged in connection with class work systematically to extend their research into local conditions of industry and agriculture. $\frac{1}{2}$ unit

POLITICAL SCIENCE

Civil Government. Credit will be given for such knowledge of this subject as is indicated by any standard text—such as Hart, Hinsdale, or James and Sanford. The student should not be confined to one book, however, but should be accustomed to work by topics. $\frac{1}{2}$ unit

HISTORY

- 1) The History of Greece from earliest times to the fall of Corinth (146 B. C.), together with a preliminary survey of ancient Oriental history. $\frac{1}{2}$ unit
- 2) The History of Rome from earliest times to the death of Constantine (337 A. D.), with especial emphasis upon the Republic of the first century B. C., and the history of the Empire. $\frac{1}{2}$ unit

Recommended texts: Goodspeed's *History of the Ancient World*; Botsford's *History of Greece* and *History of Rome*; or Botsford's *Ancient History*; West's *Ancient History*; Oman's *History of Greece*; Morey's *History of Rome*; Morey's *History of Greece*; Myer's *Ancient History* (revised edition, 1904).

3) General European History.

- a) The work in General European History is to begin with a study of the institutions of the Roman Empire under Diocletian and Constantine.
- b) The following texts are recommended: for the Mediæval Period, Thatcher and Schwill's *The Middle Ages* (new edition); for the Modern Period, Schwill's *History of Modern Europe*; or Robinson's *History of Europe*, entire; Adams's *General European History*; Bourne's *European History*.

1 unit. No credit will be given for 3a or 3b separately.

4) The History of the United States, elementary.

- a) More attention should be given to the period subsequent to the Declaration of Independence than to that preceding. So far as possible, the use of books other than the textbook should be encouraged. Fiske's, McMaster's, Thomas's, or Johnston's school texts are recommended.

$\frac{1}{2}$ unit

- b) The History of the United States, advanced. This requires more detailed study than the preceding. 4a is included in 4b, and separate credit will not be given for 4a if the student takes 4b. Recommended texts: Channing's *Students' History of the United States*, McLaughlin's *History of the American Nation*, and *Epochs of American History* (3 vols.), edited by A. B. Hart.

1 unit

5) The History of England, elementary.

- a) The student should know the main facts connected with the development of the English people. Recommended texts: Coman and Kendall's *The Growth of the English Nation*, Larned's *History of England*, Cheyney's *History of England*, or Tout and Sullivan's *Elementary English History*.

$\frac{1}{2}$ unit

- b) The History of England, advanced. This requires more detailed study than the preceding. 5a is included in 5b, and separate credit will not be given for 5a if the student takes 5b. Recommended texts: Terry's *History of England*, Gardiner's *Student's History of England*, or Ransome's *History of England*.

1 unit

GREEK

- 1) The translation of a passage from Xenophon's *Anabasis*, either at sight or from Books I to IV, with grammatical, literary, geographical, and historical questions. Required of candidates for the College of Arts.

- 2) Greek grammar, and the translation into Greek of sentences of average difficulty. Required of candidates for the College of Arts.

1) and 2) taken together constitute 2 units. To satisfy this requirement four books of the *Anabasis* should be read, with frequent exercises in composition. Candidates offering only a single unit will be examined by the Departmental Examiner.

- 3) The translation of an average passage from the *Iliad* of Homer, either at sight or from Books I to VI, with questions on Homeric grammar and prosody.

3) is recommended to candidates for the College of Arts. The candidate is expected to have read at least six books of the *Iliad*. If only a half-unit is offered an extra Major—one of the elective courses—will be required in college. It is possible for students who desire to be candidates for the degree of Bachelor of Arts who are admitted without Greek to take the preparatory courses in college; see *Annual Register*. The total requirement of Greek, both preparatory and college, is fulfilled by eight Majors of work—courses 00, 0, 1, 2, 3, 4, and one Junior College elective.

LATIN

- 1) The translation at sight of narrative prose similar to that of Cæsar.

- 2) The translation into Latin of sentences of average difficulty based upon Cæsar's *Gallie War*. 1) and 2) taken together constitute 2 units.

- 3) The translation at sight of an average passage from Virgil or Ovid, with questions on poetical forms and constructions and on prosody. 1 unit

- 4) The translation at sight of a piece of prose equal in difficulty to an average passage of Cicero's speeches or letters, with grammatical, literary, and biographical questions.

- 5) The translation into Ciceronian Latin of a connected passage of idiomatic English.

4) and 5) taken together constitute 1 unit.

NOTE.—While Latin is not required for Admission to the Colleges of Literature and of Commerce and Administration, or graduation from them, all students entering these Colleges are advised to take Latin; and students who expect to do advanced work or to teach in Political Economy, Political Science, History, Sociology, French, German, or English, or who expect to enter the Divinity School, or the Law School, are advised to take at least 3 units in Latin. Latin is required for admission to the Divinity School, as well as to the course in Medicine, and is a prerequisite for graduate work in any of the Departments mentioned.

FRENCH

- 1) The first unit of French should comprise :

- a) The rudiments of grammar, including the inflection of the regular and the more common irregular verbs; the plural of nouns; the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; the order of words in the sentence, and the elementary rules of syntax.

- b) The reading of not less than 200 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English) and in reproducing from memory sentences previously read.

- c) Careful drill in pronunciation ; writing French from dictation.

a), b), and c) taken together constitute 1 unit; recommended to all applicants for admission to the Colleges of Literature, of Science, and of Commerce and Administration. Either this unit, or the first unit of German, is recommended to applicants for admission to the College of Arts.

- 2) The second unit of French should comprise :

- a) Continued drill upon the rudiments of grammar, with constant application in the construction of sentences ; mastery of the forms and use of pronouns, pronominal adjectives, of all irregular verb forms, and of the simpler uses of the conditional and subjunctive.

- b) The reading of not less than 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches ; constant practice in translating into French easy variations upon the texts read ; frequent abstracts, sometimes oral and sometimes written of the text.

- c) Continued drill in pronunciation, conversation, and dictation.

Suitable texts for the second unit are : *Colomba* (Mérimée); *Jeanne d'Arc* (Lamartine); *Le Roi des Montagnes* (About); *Le Tour de la France* (Bruno); *Le Petit Chose* (Daudet); *Contes biographiques* (Foa); *Le Petit Robinson de Paris* (Foa); *La Poudre aux Yeux* (Labiche et Martin); *Le Voyage de M. Perrichon* (Labiche et Martin); *La Cigale chez les Fourmis* (Legouvé et Labiche); *Sans famille* (Malot); *La Tache du Petit Pierre* (Mairet); *Le Siège de Paris* (Sarcey); *La Mare au Diable* (Sand); extracts from Michelet, Erckmann-Chatrian's stories, Verne's stories.

a), b), and c) taken together constitute 1 unit. French 2) or a second unit of German is recommended to applicants for admission to the Colleges of Literature, of Science, and of Commerce and Administration.

- 3) The third unit of French calls for the ability to use the language effectively as a means of oral and written expression. The work should comprise :

- a) The study of a grammar of moderate completeness.
- b) The reading of not less than 600 pages of French of ordinary difficulty, a portion to be in the dramatic form.

- c) Constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; writing from dictation.

Suitable texts for the third unit are: About's stories; Augier and Sandeau's *Le Gendre de M. Poirier*; Béranger's poems; Corneille's *Le Cid* and *Horace*; Coppée's poems; La Brète's *Mon Oncle et mon Curé*; Madame de Sévigné's letters; Victor Hugo's *Hernani* and *La Chute*; Labiche's plays; Loti's *Pêcheur d'Islande*; Mignet's historical writings; Molière's *L'Avare* and *Le Bourgeois Gentilhomme*; Racine's *Athalie*, *Andromaque*, and *Esther*; Sandeau's *Made-moiselle de la Seiglière*; Scribe's plays; Thierry's *Récits des Temps Mérovingiens*; Thiers' *L'Expédition de Bonaparte en Egypte*; Vigny's *La Canne de Jonc*; Voltaire's historical writings.

a), b), and c) taken together constitute 1 unit and may be presented as the third unit of modern language recommended to candidates for the Colleges of Literature, of Science, and of Commerce and Administration.

SPANISH

This unit should comprise :

- a) Drill in pronunciation, including accentuation.
- b) The elements of grammar, including all the regular and the more common irregular verbs, the forms and order of the personal pronouns, the uses and meaning of the common prepositions, adverbs, and conjunctions, the use of the personal accusative; and other elementary rules of syntax.
- c) Study of not less than 175 pages of graded prose texts.
- a), b), and c) together constitute 1 unit.

GERMAN

- 1) The first unit should comprise :
- a) Careful drill upon pronunciation.
- b) The memorizing and frequent repetition of easy colloquial sentences.
- c) Drill upon the rudiments of grammar ; that is, upon the inflection of the articles, of such nouns as belong to the language of everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs ; also upon the use of the common prepositions, the simpler use of the modal auxiliaries, and the elementary rules of syntax and word-order.
- d) Abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression.

- e) The reading of from 100 to 200 pages of graduated texts, chiefly prose, with constant practice in translating into German easy variations upon sentences selected from the reading lesson, and in the reproduction from memory of sentences previously read.

The work indicated constitutes 1 unit; recommended to all applicants for admission to the Colleges of Literature, of Science, and of Commerce and Administration. Either this unit or the first unit of French is recommended to applicants for admission to the College of Arts.

- 2) The second unit calls for the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with special reference to the infinitive and subjunctive), and likewise upon word-order and word-formation. Suitable reading matter (five books) must be selected from the following works: Andersen's *Märchen*, or Andersen's *Bilderbuch ohne Bilder*, or Leander's *Träumereien*—to the extent of about forty pages; after that Hauff's *Das kalte Herz*, or Zschokke's *Der zerbrochene Krug*; then Hillern's *Höher als die Kirche*, or Storm's *Immensee*; next one of the three selections in Nichol's *Karl der Grosse nebst zwei andern Bildern aus dem Mittelalter* (Freytag), preferably *Aus dem Klosterleben*; or Schiller's *Wilhelm Tell*; lastly, Benedix's *Der Process*, or Wilhelmi's *Einer muss heirathen*!

The work indicated constitutes 1 unit. German 2) or a second unit of French is recommended to applicants for admission to the Colleges of Literature, of Science, and of Commerce and Administration.

- 3) The third unit calls for the ability to use the language effectively as a means of oral and written expression, tested by:

- a) The translation of continuous English prose into idiomatic German, or
- b) A brief essay in German upon one or two subjects selected from the following works:

1906-7.—Hauff, *Lichtenstein*; Freytag, *Aus dem Jahrhundert des grossen Krieges*; Storm, *In St. Jürgen*; Lessing, *Minna von Barnhelm*.

a) and b) taken together constitute 1 unit, and may be presented as the third unit of modern language recommended to candidates for the Colleges of Literature, of Science, and of Commerce and Administration.

1907-8.—Conrad Ferdinand Meyer, *Das Amulett* (American Book Co.); Theodore Storm, *Pole Poppen-späler* (D. C. Heath & Co.); Heinrich von Treitschke, *Das deutsche Ordensland Preussen* (Maynard, Merrill & Co.); Hermann Sudermann, *Teja* (Henry Holt & Co.).

Those who begin their study of German in the University will begin with Course 1: *Elementary German*. Those who receive credit for one unit of German on admission will begin with Course 3: *Intermediate German*; those who receive credit for two units will begin with Course 5: *Modern Prose Readings*; and those who receive credit for three units will, with the approval of the instructor in each case, elect work from the Senior College courses.

ENGLISH

Three units of entrance credit are given by the University, covering the following subjects:

- 1) Elementary Composition, including grammar, spelling, punctuation, etc., and the reading of English classics in what is known as the "general list" as follows: 1 unit

1906, 1907, and 1908.—Shakspeare's *Macbeth* and *Merchant of Venice*; the *Sir Roger de Coverley Papers* in the *Spectator*; Irving's *Life of Goldsmith*; Coleridge's *Ancient Mariner*; Scott's *Ivanhoe* and *Lady of the Lake*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*.

- 2) Literature: study of the English classics in what is known as the "list for intensive study;" and an outline of the history of the chief periods of English literature following the classic studied. 1 unit

1906, 1907, and 1908.—Shakspeare's *Julius Caesar*; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, and *Lycidas*; Burke's *Speech on Conciliation with America*; Macaulay's *Essay on Milton* and *Life of Johnson*.

- 3) Composition and Rhetoric, including the rhetorical treatment of the whole composition, the paragraph, and the sentence; the kinds of composition; diction; usage—such topics, namely, as are treated in the standard textbooks of rhetoric. 1 unit
It should be noted:

- a) That the three units described above represent approximately half work in English literature and half work in rhetoric and composition.
- b) That the division of the units by topics does not imply a corresponding separation in the teaching.

- c) That the three units are given as a whole; i. e., credit will not be given for one or two units.
- d) That the University reserves the right to withdraw one or more units of credit from students whose work in English in the Junior Colleges is found to be seriously defective in spelling, punctuation, grammar, or division into paragraphs.

ADVANCED STANDING

Attention is called to the fact that candidates whose credentials show work in English beyond the requirements specified above may apply for advanced standing, and may, on satisfactorily passing examinations, omit either or both of Junior College Courses 1 and 40. The examinations for advanced standing will be held at the University during the first week of the Autumn Quarter. Application should be made to the Examiner for Secondary Schools.

BIBLICAL HISTORY AND LITERATURE

- 1) *The History of the Hebrews from the Establishment of the Kingdom to the Return from the Exile.*—The following texts are recommended as indicating the character of the work required: Price, *Syllabus of Old Testament History*, §§50-80; Kent, *History of Hebrew People*, Vol. I, §§73-169; Vol. II, §§1-212.
- 2) *The Life of Jesus.*—The requirement will be met by the study of Burton and Mathews, *Constructive Studies in the Life of Christ*; chaps. 2, 3, 20-27, may, if necessary, be passed over lightly or omitted.
- 3) *Old Testament Literature.*—Robertson, *The Books of the Old Testament*, will indicate the scope and character of the requirement.
- 4) *New Testament Literature.*—The requirement will be met by the study of McClymont, *The New Testament and its Writers*, chaps. 1-18.

The unit consists of 1), 2), and either 3) or 4), at the option of the student. 1 or $\frac{1}{2}$ unit

MATHEMATICS

- 1a) *Algebra to Quadratic Equations*, with emphasis on the technique. Special attention should be given to factoring, the solution of equations, the algebraic formulation of problems, and the simpler processes of radicals and exponents. Required of all students. 1 unit
- 1b) *Algebra through Quadratic Equations*, with emphasis on the statement and the demonstration of principles. Special attention should be given to

radicals and exponents, imaginaries, systems of equations, and the theory of quadratic equations.

$\frac{1}{2}$ unit

NOTE.—It is desired that the preparatory schools give to the subject of Algebra, besides the customary first-year course, a more advanced course, not earlier than the third year of their curriculum. The second course should include a review of the previous work and a thorough study of the topics emphasized in 1b). The student in his first course is not sufficiently mature to do full justice to these topics, and first-course work will not satisfy the requirement 1b).

- 2) *Plane Geometry*, with emphasis on the demonstration of original propositions and the solution of original problems. Required of all students.

1 unit

- 3) *Solid Geometry*, with emphasis on the demonstration of original propositions and the solution of original problems.

$\frac{1}{2}$ unit

NOTE.—Preparatory schools should give this course in the third or fourth year of their curriculum.

It is suggested that schools and teachers individually consider carefully what can be done to shape instruction in Mathematics so that it:

- 1) Proceeds from particular to general, from concrete to abstract.
- 2) Treats arithmetic, geometry, algebra (elements of trigonometry) as phases of one subject—mathematics.
- 3) Correlates mathematics closely with physics and the other natural sciences.
- 4) Utilizes whatever is of value in the current discussions on the teaching of mathematics.

In connection with this reference is made to the reports of the Committees of Ten, of Fifteen, and of Thirteen of the National Educational Association (Dr. Irwin Shepard, Secretary, Winona, Minn.), and the articles and citations to be found in *School Science and Mathematics* (Smith & Turton, 440 Kenwood Terrace, Chicago).

ASTRONOMY

The requirements in Astronomy call for proficiency in the fundamental facts and principles of Astronomy, including the more recent developments in the direction of spectroscopy and photography. Thorough familiarity with Moulton's *Introduction to Astronomy* will afford adequate preparation in this subject

$\frac{1}{2}$ unit

PHYSICS

In order to obtain entrance credit in Physics the applicant must have completed a course in the elements of Physics which is equivalent to not less than 150 hours of assigned work. Not less than one-third

of the total assignment must have been devoted to laboratory work, two hours of laboratory work being counted as one hour of assignment.

A notebook containing the record of at least 35 laboratory experiments selected from, or essentially like, those found in the "University of Chicago Recommended List of 50 Laboratory Experiments in Physics for Secondary Schools" is a part of the requirement. 1 unit

CHEMISTRY

A course in elementary Chemistry as taught in the better class of high and preparatory schools, covering thirty-five to forty weeks, four to five days per week, one-third to one-half of the total assignment being devoted to laboratory work, will afford the necessary preparation. Two hours of laboratory work are reckoned as equivalent to one hour of assignment.

Remsen's, Torrey's, Hessler and Smith's, Newell's, Young's, Linebarger's, Roscoe's, and Storer and Lindsay's *Elementary Chemistries* are suitable textbooks for preparation. Smith & Hall's *Teaching of Chemistry and Physics* (Longmans) discusses fully the material and methods approved by the Department. The standard of attainment must fit for admission to the special college course in general Chemistry (2S) to which this unit is prerequisite. 1 unit

GEOLOGY

1) *Elementary Physiography*.—The requirement for credit in this course includes: (a) a knowledge of the simpler facts and principles involved in Mathematical Geography; (b) a knowledge of the general facts concerning atmospheric movements, precipitation, temperature, etc., together with the principles governing them; (c) an elementary knowledge of the sea, including the general facts concerning its movements and their causes; and, (d) a general knowledge of the earth's features, and their mode of origin. $\frac{1}{2}$ unit

2) *Advanced Physiography*.—For this course more detailed knowledge will be required concerning the topics named above. In addition, the candidate should be familiar with the principles of climatology, the modern doctrines concerning the evolutions and natural history of geographic features, and the distribution of life and its relations to surface conditions. $\frac{1}{2}$ unit

A unit's credit will be given those who present both 1) and 2). Thorough courses based on such texts as those of Gilbert & Brigham, Dryer, or Davis, meet the requirement for 1) and 2).

3) *Geology*.—The requirement for admission embraces the elementary features of petrographical, structural, dynamical, and historical Geology. Familiarity with the modes of action of geologic agents, and clear views of the progress and relations of geological events are essential. A thorough course, based on such a book as Brigham's *Textbook of Geology*, or Norton's *The Elements of Geology*, meets the requirement. $\frac{1}{2}$ unit

1) and 2), or 1) and 3), may be offered as the second unit of science recommended to candidates for the College of Science (§6).

GENERAL BIOLOGY

The candidate applying for admission credit in General Biology will be required: (a) To submit to the examiner a notebook consisting of drawings and descriptions of the animals and plants studied. (See statement concerning notebook under Physics, above.) It is recommended that studies of at least fifteen principal forms be undertaken, that these studies be largely such as do not demand the use of a compound microscope, and that attention be given chiefly to those organisms that can be studied in a living condition. (b) To demonstrate in the college laboratory, under the supervision of college officers, that he possesses some power to observe accurately and intelligently. More stress will be laid on correct observation, and on the careful record thereof than upon technical terms. (c) To answer in writing a few general questions about familiar animals and plants, such as the perch, crayfish, grasshopper, moss, fern, some common type of flowering plant, etc. The candidates for 1906-7 will be expected to have some first-hand knowledge of the habits and reactions of the earthworm and the life-history of the fern. 1 unit

ZOOLOGY

If admission credit in Zoology is sought, the general character of the work required will be the same as that indicated under General Biology; but in this case the number of types of animals studied should be increased, so that the total amount of work offered is not less than that specified under General Biology. 1 or $\frac{1}{2}$ unit

BOTANY

If admission credit in Botany is sought, the preparatory work should consist of the study of types from all the chief divisions of the plant kingdom, including a training in the fundamental principles of morphology, physiology, and classification. In every case laboratory notebooks (see statement concerning notebook

under Physics, above) must be submitted to the examiner, and a written examination passed.

1 or $\frac{1}{2}$ unit

NOTE.—Two units of credit may be obtained in Zoology and Botany; but a unit's credit will not be given for either of these subjects, if credit is received for General Biology. Any one of these three subjects may be offered as the second unit of science recommended to candidates for the College of Science (§ 6).

PHYSIOLOGY

The student is expected to be familiar with the facts given in Huxley's *Elementary Text-Book of Physiology* or Martin's *Human Body* (briefer course).

$\frac{1}{2}$ unit

DRAWING

Admission credit not to exceed two units will be given in drawing.* This unit must represent not less than 250 hours of work in freehand or mechanical drawing, or both. Admission in drawing is given upon examination only; but, in addition to taking the examination, every candidate must present a full set of drawings, with the teacher's certificate that they are the candidate's work. The examination is temporarily under the direction of the Department of Physics.

Freehand Drawing.—The applicant must possess ability to represent simple objects in outline and with shading. The examination will consist of drawing a group of geometrical solids, a simple piece of machinery, or an architectural ornament.

$\frac{1}{2}$ or 1 unit

Mechanical Drawing.—The applicant must be able to make projections in plan and elevation of geometrical figures, and to prepare working drawings of simple architectural and mechanical subjects. The examination will test the applicant's knowledge of principles and methods.

1 unit

SHOP WORK

Admission credit not to exceed two units will be given for shop work.* Each of these units must represent not less than 250 hours of work in the shop. This credit is given on examination only; but in addition to the examination, every candidate must present a list of the exercises completed by him, with a certificate from his instructor stating that the list is correct. The examination is temporarily under the direction of the Department of Physics.

These two units consist of four half units, each representing not less than 125 hours of work, as follows: (1) Carpentry and wood turning; (2) Pattern making, foundry work, and forging; (3) Machine shop work; and (4) Advanced machine shop work.

1 unit

§8. Examinations, etc.

1. **General remark upon the requirements.**—The

preparatory teacher should note that the University will insist, in all the above requirements, upon the power to ascertain and use facts in addition to a knowledge of facts.

2. **Times and places of examinations.**—Examinations for admission are held at the University in June and September. They are also given at the request of students or teachers at either of the regular dates at other places in which satisfactory arrangements can be made. Applications for such examinations should be made to the Examiner for Secondary Schools at least thirty days in advance. Examinations for admission at other than the regular dates may be given only at the University, and that by special permission of the Examiner, and upon the payment of a fee of not less than \$10 nor more than \$15 (the amount being dependent on the number of examinations taken).

Candidates for admission are not required to take all the examinations at one time.

3. **Examination or inspection fee.**—A fee of \$5 is charged for examination for admission. This is paid when the first examination is taken. The same fee is paid by students entering upon certificate from co-operating schools, to cover cost of inspection.

4. **Students from Morgan Park Academy, the University High School, and the Affiliated and Co-operating Schools** are admitted to the University upon presentation of a *subject certificate* covering each of the subjects stated above as required for admission. (See No. 3 above).

5. **Credit cards.**—Credit cards will be issued to candidates for the subjects in which examinations are passed, or subject certificates accepted. A credit card is valid for *one year* from the date of issue, and its validity may be renewed by the passing of examinations in additional subjects not later than one year from that date. This may be done repeatedly, but in no case will a certificate remain valid more than *four years* from the original date.

6. **Advanced standing by examination.**—College credit is not ordinarily given for entrance examinations in excess of the fifteen units required for admission; but candidates who have carried their work beyond the requirements for admission to the first year of a Junior College may apply for examination for advanced standing. Students who enter from co-operating schools with excess admission credit of such nature and amount as to furnish a claim for advanced standing, will be furnished by the Examiner

* Not more than two units in all for both Drawing and Shop Work will be credited.

with an official statement of such excess credit, authorizing the proper Departmental Examiner to test the claim by examination and designate the amount of credit to be assigned. Students from Morgan Park Academy, the University High School, and Affiliated Schools receive advanced standing for excess admission credit without further examination in the ratio of two Majors for one unit.

§ 9. *Admission from Higher Institutions.*

Students are admitted with advanced standing on probation (without examination) from reputable colleges, but the right is reserved to exact examinations if the subsequent work makes this seem necessary. The following conditions should be noted:

1. The student must have been in residence at least one year in the institution from which he comes.
2. The applicant must present a statement of his preparatory and college work upon a form supplied by the University, and file with this (a) a letter of honorable dismissal and (b) an official transcript of his record in the college from which he comes.

3. Equal credit will be given only in case the preparatory course corresponds to the admission requirements of the University.
4. Except in the case of students from affiliated colleges, no more than twenty-seven (27) Majors of credit toward the Bachelor's degree will be given for undergraduate work done in another institution, and with the same exception a Bachelor's degree will not be conferred on a student before he has been at the University three Quarters and received credit for nine (9) Majors of resident work. Graduates of certain affiliated colleges may receive the Bachelor's degree from the University after less than one year's residence.
5. Students who present claims for advanced standing must specify in their statements, at the outset, all the work for which they expect to receive credit. Credit will not be given at a later time for work not thus specified, unless the case is reopened by special vote of the Faculty.
6. Credits provisionally granted on admission are not recorded until final approval in the third Quarter of residence.

IV. THE WORK OF THE COLLEGES

§ 1. *Amount of Work.*—Thirty-six Majors are ordinarily required for a Bachelor's degree. Of these thirty-six, eighteen, if properly selected (§ 5 below), render a student eligible for the title of associate.

§ 2. *The College Work* is of three kinds:

- a) *Required in College* of all candidates for a given degree (See Table B, p. 20).
- b) *Contingently required* in college, i. e., if not presented on admission (see Table C, p. 20).
- c) *Elective*: Normally about eighteen Majors in A.B., Ph.B. (Lit.), and S.B. Curricula. This amount may be reduced because the entrance units fail to conform to advised grouping (§ 6, p. 11, and Table A, p. 20).

NOTE—In the Curriculum of Commerce and Administration the student will elect in the Senior college one of four groups of required courses (Banking, Transportation, Trade and Industry, Journalism).

§ 3. *Limitations and Explanations.*

- a) At least 12* of the 36 College Majors must be courses designated as Senior College courses, or as Graduate courses to which undergraduates are admitted.
- b) Not more than 15 of the 36 College Majors may be taken in one department.
- c) Two Majors (or one preparatory unit) of An-

cient History or of Greek Literature† will be required of candidates for all degrees who do not offer at least 6 Majors (or three preparatory units) of ancient languages.

§ 4. *Public Speaking and Physical Culture.*

- a) Four half-hours of Physical Culture weekly are required during ten quarters, six in the Junior College, and four in the Senior College. The two quarters which may be omitted will in each case be determined by the Department.
- b) Two hours of Public Speaking weekly are required during two quarters in the Junior College, and are taken after the completion of English 1.

§ 5. *The Title of Associate.*—The student receives the title of Associate (and is admitted to the Senior College) when he has:

1. Satisfied all admission requirements, i. e., has removed all entrance conditions.

* 10 instead of 12 in case of a student who has credit for 4 units of preparatory Latin and 3 Majors of College Latin; and 2 Majors in like manner will be allowed from the 12 for a student who is credited with 3 units of preparatory Greek and 3 Majors of College Greek.

† These are 1 Major in the History of Greek Literature, and a second Major which shall be either the study in translation of some subject in Greek Literature, or a study of the influence of Hellenic upon English Literature.

2. Fulfilled any extra requirements imposed on account either of excessive absence or defective work in English.
3. Secured credit for the two required courses in English (1 and 3).
4. Secured sixteen additional Majors without postponing more than six required courses. If, however, the required Majors exceed the normal 18, the excess requirements may also be transferred to the Senior College.
5. Fulfilled the requirements in Public Speaking (2 Quarters 2 hours a week), and in Physical Culture (6 Quarters, 4 half-hours a week).

TABLE A
TOTAL REQUIREMENTS FOR THE BACCALAUREATE DEGREES

(Including preparatory and college work in both Junior and Senior Colleges. One preparatory unit is counted as two College Majors.)

	A.B.	Ph.B. (Lit.)	S.B.	Ph.B. (C.&A.)	Ed.
Philosophy, Psychology	2	2	1	..	2
History	4	4	3	7	4
Political Economy, Political Science, History, Sociology .....	..	3(or 4)	2	4	..
Greek	9	..	..	..	..
Latin	11	..	..	..	..
Latin, French, or German .....	..	14(or 13)	6	13	..
French or German	4	..	4	..	4
English	8	8	8	8	8
In a single Department .....	..	6	..	..	6
Mathematics	6	5	6	5	5
Science	2	3	8	3	2
Mathematics or Science	2	2	9	2	2
Electives	18	19	19	6	..
Professional Group .....	..	..	..	18	..
Elect. or Profess. Group .....	..	..	..	..	33
	66	66	66	66	66

TABLE B
COLLEGE WORK REQUIRED OF ALL CANDIDATES

	Arts	Lit.	Sci.	Phil.††	Ed.
Philosophy	1 Mj	1 Mj	†1 Mj	..	1 Mj
Psychology	1 Mj	1 Mj	†1 Mj	..	1 Mj
Political Economy .....	..	..	..	3 Mj	..
Political Science, History, Sociology .....	..	..	2 Mj	..	..
Greek	3 Mj	..	..	..	..
Latin	3 Mj	..	..	..	..
French or German .....	..	..	..	..	..
English	2 Mj	2 Mj	2 Mj	2 Mj	2 Mj
Mathematics	1 Mj	..	..	..	..
Mathematics or Science	2 Mj	2 Mj	†9 Mj	2 Mj	2 Mj
In a single Department .....	..	†6 Mj	..	..	6 Mj
Total	13 Mj	12 Mj	14 Mj	††7 Mj	12 Mj

*These 6 Majors, four of which must be Senior College Courses, must be taken in some one of the following Departments: Philosophy, Psychology, Political Economy, Political Science, History, Sociology, Household Administration, History of Art, Greek, Latin, Romance Language, Germanic, English, General Literature, the Law School. The 6 Majors must be based on such elementary courses as the Department may prescribe. In the case of Latin, Courses 4, 5, and 6, and in the case of Greek, Courses 2, 3, and 4 will be accepted in lieu of the 6.

†1 Major in either Philosophy or Psychology, not both, is required.

‡These 9 Majors must be taken in some one Science or in College Mathematics, or 6 in one Department, with three other Majors designated by that Department.

**It should be noted that in the work of the Senior College the student elects one of five groups, and in that group elects 18 Majors (see IV, 3).

††This College is especially designed for students who wish to enter the College of Commerce and Administration in the Senior Colleges; or for those who wish to do a considerable amount of Senior College work in Political Economy, Political Science, History, and Sociology.

TABLE C
COLLEGE WORK ALSO REQUIRED, IF THE EQUIVALENT IS NOT OFFERED FOR ADMISSION IN ADDITION TO THE REQUIRED UNITS IN ENGLISH, LANGUAGE OTHER THAN ENGLISH,* AND MATHEMATICS

	Arts	Literature	Science	Philosophy	Education
Political Science				1 Mj	
History	4 Mj (or 2 units)	4 Mj (or 2 units)	3 Mj (or 1½ units)	7 Mj (or 3½ units)	4 Mj (or 2 units)
Political Economy, Political Science, History, Sociology		†3 Mj (or 1½ units) †or 4 Mj (or 2 units)			
Greek	*6 Mj (or 3 units)				
Latin	*6 Mj (or 4 units)				
French or German	*4 Mj (or 2 units)		4 Mj (or 2 units) of one or other		4 Mj (or 2 units)
Latin, French, or German		†6 Mj (or 3 units) or †5 Mj (or 2½ units)		7 Mj (or 3½ units)	

* † See footnotes below table on following page.

TABLE C—Continued

	Arts	Literature	Science	Philosophy	Education
Mathematics			1 Mj Trig.(or ½u)		‡ (2 Mj)
Science	2 Mj (or 1 unit)	3 Mj (or 1½ units)	3 Mj (or 4 units)	3 Mj(or 1½ units)	2 Mj (or 1 unit)
Total.....	24 Mj (or 12 units)	16 Mj (or 8 units)	16 Mj (or 8 units)	17 Mj(or 8½ units)	12 Mj (or 6 units)

*In the College of Arts the three admission units of language other than English are included in the requirements herein stated.
 †6 Majors in Language and 3 in the Historical Group (Political Economy, Political Science, History, Sociology), or 5 in Language and 4 in the Historical Group.

‡In the College of Education 2 Majors of "Arts" (Mechanical or Free-hand Drawing, etc.) will be required if not offered for admission.

GENERAL INFORMATION CONCERNING THE JUNIOR COLLEGES

(Detailed information should be sought in the *Undergraduate Handbook*.)

1. *The Junior Colleges*, including usually the first and second years of residence.—For purposes of administration, instruction, and personal association the work of the first two undergraduate years is organized in eight Junior Colleges, known specifically as: Arts College (men), Arts College (women), Literature College (men), Literature College (women), Philosophy College (men), Philosophy College (women), Science College (men), and Science College (women).

2. *Junior College Council*.—The chairmen of the councils of the eight colleges constitute the Junior College Student Council.

3. *College meetings*.—Each Junior College holds a weekly meeting at which addresses are delivered or college business transacted.

4. *Chapel assembly*.—Students in the Junior Colleges meet in Chapel assembly, men on Mondays, and women on Thursdays, at 10:30 A. M. Attendance is required.

5. *Scholarships*.

a) The University has established Scholarships as follows: (1) for Morgan Park Academy and for each affiliated secondary school; (2) for each high school in Chicago; (3) twenty-five Scholarships to be assigned to co-operating schools outside of Chicago. (For information as to the conditions under which these Scholarships are awarded, address the Examiner for Secondary Schools.)

b) Two Scholarships are offered as prizes in the Annual Contest in Public Speaking between students of Affiliated and Co-operating Schools held at the University in connection with the Annual Fall Conference of the University and the Secondary Schools.

c) Twelve Senior College Scholarships (yielding the equivalent of University fees for three

Quarters) are assigned annually to students who have completed the work of a Junior College and have stood highest in the various Departments whose work forms a part of the curriculum of the Junior Colleges.

In making the nomination for Senior College Scholarships each Department takes into consideration the following points: (1) the general quality of the candidate's work throughout the Junior College; (2) the quantity and the quality of his work in that Department in the Junior College; (3) the results of a special examination on the subjects treated in the courses required in that Department in the Junior College.

Students admitted to the Junior Colleges with advanced standing are eligible for these Scholarships, provided they have done as much as one year's work in the University.

d) *The Selz Scholarship*, endowed by Mr. Morris Selz and his sons, E. F. and J. Harry Selz, of Chicago, in honor of Rosa F. Selz and Lillian G. Selz, yielding the annual income from five thousand dollars, is awarded to that young woman who completes the first year of the Junior Colleges with the highest standing in the studies of that year.

6. *Honorable mention*.—On the completion of the work of the Junior Colleges, *honorable mention* is made of all students whose records reach a standard fixed by the Faculty of the Junior Colleges on the system of marking adopted by the University.

7. *Information in detail*.—Information in detail concerning the organization, work, and regulations of the Junior Colleges may be found in the *Undergraduate Handbook*.

THE UNCLASSIFIED STUDENTS

1. *Admission.*—Undergraduate students not seeking a degree may be admitted to the courses of instruction offered in the University through the Examiner's Office, under the following conditions:
 - a) The student must not be less than twenty-one years of age.
 - b) There must be a sufficient reason for not entering a regular course.
 - c) Such examinations as the Examiner and the instructors concerned may deem proper prerequisites to the work to be undertaken must be satisfactorily passed. For such examinations the regular fee for examinations for admission is charged.
 - d) Unclassified students are not received for elementary subjects only. For example, students are not received for beginning French, beginning German, etc., unless advanced work in some other Department is also taken.
2. *Selection of courses.*—Unclassified students may take any courses for which their preparation fits them. The decision as to what constitutes adequate preparation rests with the instructors of courses elected.
3. *Status of unclassified students.*—It is understood that the admission of unclassified students to the University is a privilege which will be terminated in the case of any individual, if, at any time, the Faculties have reason to believe that the best use is not being made of it.

It is also understood that when a student has admission and college credits amounting to fifteen units (see p. 57, II, 1), he may on recommendation of the Dean, and by a vote of the Faculty of the Junior Colleges, be admitted to a Junior College.
4. *Requirements.*—Unclassified students are subject to all the general regulations of the University pertaining to undergraduate students, including Chapel assembly, and Physical Culture, unless more than one-half their work is in the Senior Colleges or in the Graduate Schools.
5. *Honorary students.*—Persons of mature age may be admitted to the courses of instruction offered in the University, by permission of the President, without preliminary examinations and without responsibility for class exercises or examinations. Such students receive no credit on the Recorder's records.

GENERAL INFORMATION CONCERNING THE SENIOR COLLEGES

1. *Divisions.*—The students of the Senior Colleges are classed in six divisions, according to the number of Majors' credit on the University records. The sixth division includes students in the Senior Colleges with a total credit (including Junior College credits) of less than 21 Majors; the fifth, those with 21, but less than 24; the fourth, those with 24, but less than 27; the third, those with 27 but less than 30; the second, those with 30, but less than 33; the first, those with 33 or more.
2. *Division meetings.*—The students of each division hold an official meeting on the first day of each Quarter.
3. *Senior College Council.*—At the above meeting the members of the division elect a *student councilor*, who holds office for two consecutive Quarters. Eligibility for the office of councilor is subject to the same conditions as eligibility for public appearance.

The councilors thus elected constitute the Senior College Student Council. The Council serves as the executive committee of the students of the Senior Colleges, in relation to the Administrative Board. Temporary vacancies are filled by appointment by the Dean.
4. *Chapel assembly.*—Students in the Senior Colleges meet in Chapel assembly Tuesdays at 10:30 A. M. Attendance is required.
5. *Scholarships.*
 - a) *Senior College Scholarships.*—See p. 22, 7, c.
 - b) Special Scholarships open to students of the Senior Colleges are the following:
 - 1) *The Zuinglius Grover Memorial Scholarship* has been endowed by the alumnae of Dearborn Seminary of Chicago in memory of the founder of that Seminary. It provides for the tuition fees for three Quarters (\$120) of "a woman in the undergraduate department." It is awarded annually.
 - 2) *The Elbert H. Shirk Scholarship*, endowed by Mr. Milton Shirk, of Peru, Ind., Mr. E. W. Shirk, of Chicago, and Mrs. Alice Shirk Edwards, of Peru, Ind., as a memorial of their father, provides for the tuition fees of a student at the University for three Quarters (\$120).

- 3) *The Henry C. Lytton Scholarship*, endowed by Mr. Henry C. Lytton, of Chicago, provides for the tuition fees of a student for three Quarters (\$120).
- 4) *The Enos M. Barton Scholarship*, endowed by Mr. Enos M. Barton, of Chicago, provides for the tuition fees of a student for three Quarters (\$120). It is awarded annually to an undergraduate student whose scholarship in preparatory work and in college shall reach "B +," and who shall maintain this standing, subject to forfeiture.
- 5) *The Catherine M. White Scholarships*.—Three Scholarships, endowed by the late Mrs. Catherine M. White, of Chicago, each providing for the tuition fees of a student for three Quarters (\$120).
- 6) *The Chicago Scholarship*, endowed by a friend of the University, provides for the tuition fees of a student for three Quarters (\$120).
- 7) *The Jacob Rosenberg Scholarship*, established by the heirs of the late Jacob Rosenberg, of Chicago, provides for the tuition fee of a student for three Quarters (\$120).
- 8) *The Colonial Dames' Scholarship*.—The Colonial Dames of America in the State of Illinois have provided a Scholarship yielding annually the amount of \$300, to be awarded to that student who, having finished the work of the Junior Colleges, shall have passed the best examination in American History. The award of this Scholarship will be made on conditions to be explained by the Head of the Department of History.
- c) *Graduate Scholarships*.—Twenty Scholarships are assigned to students who have completed with honor the work of a Senior College. Each Department of the University, with the approval of the Committee on Scholarships, has the privilege of naming a student who is for that year the honor student of the Senior Colleges in that Department, and to this student there is given a Graduate Scholarship yielding in each case a sum equal to the University fees for three Quarters, provided the student continues his studies in the Graduate Schools. The assignments are made July 1, and in no case does a Scholarship continue beyond July 1 next following the date of assignment.
6. *Honors in the Senior Colleges*.—Honors will be awarded in the Senior Colleges on the following basis:
 - a) *Honorable mention for general scholarship*. Candidates for the Bachelor's degree who have had (1) neither failure nor condition in the work of the Senior Colleges, and (2) an average rank above "B," will be recommended for the degree "with honorable mention for general scholarship."
 - b) *Honors in Departments*. These may be either *honors* or *special honors*, to be awarded on the ground of excellence in regular and in special work, respectively. Candidates for either class of honors must have had neither failure nor condition in the work of the Senior Colleges, and must have had an average grade of "B," on the system of marking adopted by the University.
 - 1) A candidate for *honors* in a Department must have pursued with distinction not less than six Majors in that Department; provided two or more closely related Departments may recommend for joint honors a candidate who has pursued with distinction not less than nine Majors in those Departments.
The respective Departments may specify the courses which shall be counted as honor courses, and also prerequisite courses in other Departments.
 - 2) A candidate for *special honors* must pursue with distinction certain additional work prescribed by the Department. This may be performed by the election of a fourth course during each of not more than five Quarters, which shall not count toward a degree, nor require an additional fee.
7. *College Credit for Professional Work*.—Students who plan to pursue professional work in the Divinity School, the Law School, the College of Education, or in the Medical Courses are enabled to shorten considerably the time required to secure the collegiate and the professional degrees under a plan which counts toward the Bachelor's degree certain work in the professional schools. Thus the last year of residence as an undergraduate may be used entirely for professional work in the Law or Divinity Schools, and the last two years for work in Medicine, provided that all college requirements for the Bachelor's degree have been satisfied. Under special conditions likewise, a student may make definite progress toward the degree of Bachelor of Education while pursuing

studies in the Senior Colleges of Arts, Literature, or Science. The details of these arrangements may be learned by consulting the special Circulars of Information of the Professional Schools.

By arrangement between the University and the Institute and Training School of the Young Men's Christian Association, students who have completed in residence at the University the requirements of the Junior College, and who desire to prepare themselves for secretarial work in the

Young Men's Christian Association, are permitted to substitute for nine Majors of the Senior College work an equivalent amount of study pursued at the Institute and Training School. The Bachelor's degree will be conferred upon such students, provided that the other Senior College requirements are satisfied in residence at the University, and, in particular, that the work of the last Quarter shall be performed in residence at the University.

V. THE GRADUATE SCHOOLS

THE FACULTIES

The Faculties of the Graduate Schools consist of all the instructors, appointed for a term longer than one year, offering courses in the Graduate School of Arts and Literature, and the Ogden (Graduate) School of Science. The constituency of the Faculties varies from Quarter to Quarter, and cannot, therefore, be given here.

ORGANIZATION AND ADMISSION

Two Graduate Schools are now organized: the Graduate School of Arts and Literature, and the Ogden (Graduate) School of Science.

Admission to the Graduate Schools of the University will be granted:

1. To those who have been graduated from the Colleges of the University of Chicago.
2. To those who are graduates of other institutions of good standing, and who hold Bachelor's degrees corresponding to those conferred by the University.

Applications for admission, in the case of students not graduates of the University, should be accompanied by testimonials as to character and scholarship. Whenever possible, such testimonials should take the form of diplomas, written or printed theses, or satisfactory evidence in some other form of the student's fitness for graduate work.

It should be noted that admission to a Graduate School does not necessarily admit to candidacy for a higher degree.

DEGREES

Graduate study may lead to a Master's or to a Doctor's degree under the conditions specified below.

I. *The Master's degrees.*—Three degrees are conferred, viz: *Master of Arts*, *Master of Science*, and *Master of Philosophy*.

1. *Candidacy.*—Any member of the Graduate Schools who has been in attendance one Quarter or more, and whose undergraduate course is equivalent to that required for a corresponding Bachelor's degree in the University of Chicago,* may, on recommendation by the Department or Departments in which he is working, be enrolled by vote of the Faculties of the Graduate Schools, as a candidate for a Master's degree.

2. *Requirements.*—Students thus accepted as candidates will be given a Master's degree on fulfilment of the following requirements:

- a) At least three Quarters' residence at the University
- b) A satisfactory examination on the work taken for the degree.
- c) Either of the following sets of particular requirements:

A. *The specialist degree.*—(1) At least seven Majors of resident graduate work, all falling in one Department; (2) the presentation of a satisfactory dissertation on a subject approved by the Department; (3) the delivery of five printed or type-

* Attention is particularly called to the fact that the term "equivalent" in this connection refers to quantity only. It does not affect the question of the specific Master's degree (Arts, Science, or Philosophy), to which a given student's work would lead.

written copies, including one bound copy, of this dissertation to the University Librarian.

B. The non-specialist degree.—Nine Majors of resident graduate work distributed among three Departments, three in each, and not more than six in any one group of Departments. The particular courses to be offered for the degree are accepted in advance by the Heads of the Departments concerned. No dissertation is required.

The following are the recognized groups:

- (1) Philosophy, Psychology, and Education.
- (2) Political Economy, Political Science, History, Sociology.
- (3) The History of Art, Sanskrit and Indo-European Comparative Philology, Greek, Latin.
- (4) Comparative Religion, Semitic Languages and Literatures, Biblical and Patristic Greek.
- (5) Romance, Germanic, English, General Literature.
- (6) Mathematics, Astronomy, Physics, Chemistry.
- (7) Geology, Geography.
- (8) Zoology, Anatomy, Physiology, Neurology, Paleontology, Botany, Pathology and Bacteriology.

II. The degree of Doctor of Philosophy.

1. **Candidacy.**—Any member of the Graduate Schools who has been in attendance one Quarter or more, whose undergraduate course is equivalent* to that required for a Bachelor's degree in the University of Chicago,† whose thesis subject has been accepted by the principal Department, and who has a reading knowledge of French and German (which must be certified by the Heads of those Departments), may, on recommendation by the principal Department in which he wishes to take his degree, be enrolled, by vote of the Faculties of the Graduate Schools, as a candidate for the Doctor's degree.
2. **Requirements.**—Students thus accepted as candidates will be given the Doctor's degree,

on the fulfilment of the following requirements:

- a) At least three years of resident work at the University, in pursuance of an accepted course of study. The course in question must include one principal, and either one or two secondary subjects, each acceptable to the Head of the Department concerned, and to Head of the Department in which the principal work is done.
- b) A satisfactory final examination upon the work done in preparation for the degree.
- c) The presentation of a satisfactory printed thesis upon a subject which has been approved by the Head of the Department in which the principal part of the candidate's work has been done.
- d) A good command of literary expression and such knowledge of subjects considered fundamental as may be prescribed by the several Departments.
- e) Candidates for the degree of Doctor of Philosophy may not take more than two-thirds of their work in one Department, and may not take work which is to count toward the degree in more than three Departments.

3. **Thesis.**—Each student is required to prepare a thesis upon some question connected with his principal subject. This production must be scholarly in character, exhaustive in its subject-matter, and must constitute an actual contribution to knowledge.

The subject must be submitted for approval to the Head of the Department at least twelve months before the date of the final examination; the thesis itself must be submitted in written form to the Head of the Department three months before the date of the final examination, and, after criticism, in typewritten form, six weeks before the date of the final examination; after acceptance, *one hundred* printed copies of the same must be deposited in the Library within six months of the date of the final examination. Accepted theses become the property of the University.

The candidate will be admitted to final examination only when the thesis is complete and ready for the printer.‡ The degree will be recommended only on a written certificate of the Department concerned in the Doctorate, that the thesis is ready for the printer, and on the written evidence of some responsible journal or

*See footnote on preceding page.

†In case the candidate did not obtain his Bachelor's degree at the University of Chicago, he will present to the Dean on blanks furnished for the purpose a detailed statement of his undergraduate work. The Dean cannot always report upon these statements during the opening week of the Quarter.

‡By "complete" is meant that every chapter or considerable subdivision of the document shall be worked out with such fulness that it shall be practicable to make all the necessary corrections and additions on the proof.

publisher that the required number of printed copies will be furnished to the University within a reasonable time.

4. *Final examination*.—After admission to candidacy, the candidate may present himself for examination in his secondary subject or subjects as soon as he has fulfilled the requirements of the Department or Departments concerned.

The candidate for the degree of Doctor of Philosophy (for admission to candidacy, see Clause 1, Art. II, p. 11) may present himself for the examination in his principal subject, or in both principal and secondary subjects if the examination in the latter has not been taken in advance, (1) as soon as he has fulfilled the requirements of the Department or Departments concerned, and (2) after he has presented to the Dean (a) a written certificate of the principal Department concerned that the thesis is ready for the printer, and (b) the written evidence of some responsible journal or publisher that the required number of printed copies will be furnished the University within a reasonable time. The examination will be conducted by a committee consisting of the members of the principal Department concerned, an appointed representative of the secondary Department, or a representative of each of them if there are two, of any other members of the secondary Department who may choose to attend, and a member of some other Department appointed by the President.

The candidate is required to prepare a typewritten or printed brief of his work, including an analysis of the thesis, and to file copies of the same with the Recorder for distribution to the committee one week before the time set for the examination. In case of an examination in the secondary Department, the statement should include the work in this department, and

the statement for the final examination should include the work of both departments.

REMARK.—The degree of *Doctor of Philosophy* is given, not on the basis of the completion of a certain amount of time spent upon a specified programme, but as the recognition and mark of high attainments and ability in the candidate's chosen province, shown first by the production of a thesis evincing the power of independent investigation and forming an actual contribution to existing knowledge; and secondly, by the passing of examinations covering the general field of the candidate's subjects, with more minuteness in the case of the principal subject, with less minuteness in the case of the secondary subject or subjects.

5. *Non-resident work*.—After being admitted, the student will be permitted to substitute to the extent of not more than nine Majors non-resident work for resident work provided that (a) the non-resident work shall be performed under the direction of a professor or instructor of the University Extension Division of the University, and shall be a full equivalent in amount and character of that for which it is substituted; and (b) a satisfactory examination shall be passed upon the same at the University.

6. *Work done in other universities*.—Graduate work done in another university will be accepted as equivalent to resident work in the University of Chicago, provided the institution in which the work was done is of high standing, and sufficient evidence is furnished that the particular work was satisfactorily performed.

Work done in other universities will not ordinarily count for more than one and one-half years of resident work in the University; but the degree of Doctor of Philosophy may, in exceptional cases, be granted after one year of residence.

NOTE.—In order to avoid misunderstandings, candidates for higher degrees should consult with their Deans concerning all technical requirements for such degrees, before application is made for admission to candidacy.

FELLOWSHIPS AND SCHOLARSHIPS

1. *The University Fellowships*.—The University appropriates annually the amount of twenty thousand dollars (\$20,000) for Fellowships in the Graduate Schools. These Fellowships are awarded by the Trustees, upon the recommendation of the President and the nomination of Departments, to Graduate students who desire to pursue advanced work in some special line. About seventy Fellowships, ranging in value from \$120, or the tuition fees of a student for three Quarters, to \$520, are assigned each year.
2. *Applications for Fellowships*.—Applications for Fellowships should be addressed to the President

of the University, and should be in his hands on or before March 1.

3. *Appointments to Fellowships*.

- a) *Date*.—The annual assignment of Fellowships is usually made about the first of April. A Fellowship is available for any three of the four Quarters of the year, beginning in June following the date of appointment.
- b) *Attainments required*.—The candidate must have attained proficiency in some Department. In general, he should have spent at least one year in resident study after receiving his Bachelor's degree. In making the appointment,

special weight is given to theses indicating the candidate's ability to conduct original investigation.

4. *Special Fellowships*.—In addition to the regular University Fellowships mentioned above, there are special Fellowships offered by individuals. These vary somewhat in number and amount from year to year. At present they are as follows:

- a) *The William A. and Fanny C. Talcott Fellowships and Scholarships*.—In 1896 William A. Talcott, of Rockford, Ill., endowed four Fellowships and Scholarships, two of which bear his name and two the name of his widow, Fanny C. Talcott. They are intended primarily for the benefit of graduates of Rockford College, but, in the absence of such beneficiaries, may be assigned to others. They pay the tuition fees of those appointed to them.
- b) *The Bucknell Fellowship*, yielding \$400, offered by Mr. Charles Miller, of Franklin, Pa., is open to graduates of Bucknell University. The appointment to this Fellowship is made by the faculty of Bucknell University.
- c) *The Joseph B. Loewenthal Fellowship in Chemistry*, endowed by Mr. Berthold Loewenthal, of Chicago, as a memorial of his son, Joseph B. Loewenthal. It yields about \$420 to the incumbent annually appointed, and is awarded on the nomination of the Department of Chemistry and the recommendation of the President of the University.

5. *Graduate Scholarships*.—The Scholarships available for students in the Graduate Schools are as follows:

- a) *Scholarships for excellence in the work of the Senior Colleges*.—The University offers twenty Scholarships for excellence in the work of the Senior Colleges. The Scholarships are assigned annually, in the Spring Quarter, on the nomination of the Board of the Senior Colleges. Each Department of the University, with the approval of the Committee on Scholarships, has the

privilege of naming a student who is for that year the honor student of the Senior Colleges in that Department, and to this student there is given a Graduate Scholarship yielding in each case a sum equal to the University tuition fees for three Quarters (\$120), provided the student continues his studies in the Graduate Schools.

- b) *The William A. and Fanny C. Talcott Fellowships and Scholarships*.—See Fellowships.
- c) *Affiliation Scholarships*.—Under the conditions of affiliation with Kalamazoo College, Des Moines College, Butler College, and John B. Stetson University, the three students who stand highest in scholarship and general excellence in the graduating class of each institution are awarded Scholarships covering the University tuition fees for three Quarters (\$120).
- d) *Scholarships for Public Speaking*.—Three Scholarships, each yielding the amount of forty dollars (\$40), or the tuition fee for a Quarter, are awarded the winners in the preliminary contests in Public Speaking. In case the winner in a preliminary contest has previously secured a Scholarship in this way in the Graduate Schools, the award is made to the second in rank.
- e) *Scholarships for officers*.—Forty Scholarships, each yielding the tuition fees for three Quarters (\$120), are assigned annually to members of the Faculties, or wives of members, who may desire to take courses of instruction in the University.
- f) *Teachers in Affiliated Schools*.—Under the conditions of affiliation, teachers in the various Affiliated Schools of the University are assigned vouchers covering the tuition fee. The conditions under which these vouchers may be obtained will be mailed on application.
- g) *General Scholarships*.—Forty Scholarships, each yielding the tuition fees for three Quarters (\$120), are assigned annually to students in the Graduate Schools on the recommendation of the Deans of these schools.

INCIDENTAL PRIVILEGES

- 1. *Physical culture*.—Work in the Department of Physical Culture is open to the students of the Graduate Schools.
- 2. *Chapel assembly*.—A weekly chapel assembly for the students of the Graduate Schools is held on Thursdays, at 10:30 A. M. Attendance is optional.

VI. UNIVERSITY COLLEGE

ORGANIZATION

University College is the college conducted by the University of Chicago in the center of the city. It was formerly called "The College for Teachers," as designed chiefly for the benefit of active teachers of Chicago and vicinity. This service the College still performs, though its courses are open to all persons upon conditions similar to those in the Colleges at the Quadrangles. The classes are held in the Fine Arts Building in the late afternoons, evenings, and on Saturdays.

ADMISSION

1. *Regular students.*—Admission to regular standing in University College is granted to the following classes of students:
 - a) To those who have fulfilled the requirements for admission to any one of the Junior Colleges, and have passed the entrance examinations.
 - b) To graduates of schools affiliated or co-operating with the University who present certificates covering fifteen units of admission requirements.
 - c) To teachers in the public or private schools of Chicago or vicinity who have completed a four-years' course in a Chicago high school or the equivalent thereof.
2. *Unclassified students.*—Persons who have not had the requisite amount of preparatory training for registration as regular students and who are not seeking degrees, are admitted as unclassified students to courses for which, in the judgment of the Dean and instructors, they are prepared. But unclassified students are expected to classify as soon as possible.
3. *Honorary students.*—Persons not seeking university credit are permitted after matriculation to register in courses with the consent of instructors without preliminary examinations or certificates, and without responsibility for class exercises or examinations. Such students receive no credit on the Recorder's books.

ADVANCED STANDING

Students who have completed work in universities, colleges, and normal schools may be granted advanced standing by the University upon presentation of certificates properly executed.

Probationary advanced standing is granted by the Dean on work for which students have no college

statements, for entrance into courses for whose prerequisites satisfactory claims are established, with the understanding that, if the work is successfully completed, credit will be given for those prerequisite courses. Teachers and others are thus enabled to earn credit for studies privately pursued.

DEGREES

1. *Candidates for Degrees.*—Students intending to become candidates for any degree must comply with the conditions prescribed for regular students in the rules of the University.
2. *Requirements for the Bachelor's Degree.*—Students may obtain the degree of Bachelor of Arts, Bachelor of Science, Bachelor of Philosophy, or Bachelor of Education upon complying with the requirements for these respective degrees in the College of Arts, College of Literature, College of Science, College of Commerce and Administration, or College of Education.

The following table gives the total requirements for the Baccalaureate degrees, including preparatory and college work. One preparatory unit is counted as two College Majors:

	A.B.	Ph.B. (Lit.)	S.B.	Ph.B. (C & A)
Philosophy, Psychology.....	2	2	1	7
History.....	4	4	3	7
Political Economy, Political Science, History, Sociology...	9	3 (or 4)	2	4
Greek.....	11	..	..	..
Latin.....	11	..	..	..
Latin, French, or German.....	4	14 (or 13)	6	13
French or German.....	8	..	4	8
English.....	8	8	8	8
In a single Department.....	6	6	6	6
Mathematics.....	2	5	5	5
Science.....	2	3	8	3
Mathematics or Science.....	2	3	9	2
Electives.....	18	19	19	6
Professional Group.....	..	..	..	18
	66	66	66	66

3. *Requirements for the title of Associate.*—The prescribed work indicated above, with the exception of Philosophy, is counted as Junior College work. When this is completed, together with a sufficient number of elective Majors to make the full number eighteen, the student may receive the title of Associate in Arts, in Philosophy, or in Science.
4. *Entrance to the Senior Colleges.*—A student may be classed as a Senior College student upon receiving credit for eighteen Majors of college work; provided that the prescribed course indicated above (except Philosophy) are included in the eighteen Majors offered for such credit.

VII. LIBRARIES, LABORATORIES, AND MUSEUMS

THE LIBRARIES

Students who have matriculated and paid their library fee may take at one time three volumes from the General Library. These may be kept two weeks, and at the end of that time, if desired, may be renewed for two weeks. The approximate estimate of the books at present in the library is 424,337. The General Library is open on every week day from 8:30 A. M. to 5:30 P. M. The Library receives 1,500 current

periodical publications, including the transactions and proceedings of learned societies.

All the Branch and Departmental Libraries are catalogued and classified. Most of the collections in the General Library are now permanently arranged. Many of the Departmental Libraries are open in the evening.

THE LABORATORIES

The Kent Chemical Laboratory and the Ryerson Physical Laboratory contain rooms for special research, small laboratories for work of investigation, large laboratories for general instruction, lecture-rooms, classrooms, library, museum, and offices.

The Hull Biological Laboratories are a group of four buildings devoted to the study of the Anatomical, Botanical, Physiological, and Zoological Sciences. Medical instruction is given in three of these laboratories.

THE MUSEUMS

The Walker Museum contains the collections of fossils of the Department of Geology, and various mineralogical, anthropological, paleontological, and geological collections, donated to or deposited in the Museum. It contains also the lecture-rooms and libraries of the Department of Geology and of the Department of Anthropology.

The Haskell Oriental Museum contains a series of large and well-equipped rooms for the installation and exhibition of museum material. The Biblical, the Comparative Religion, the Assyrian, and the Egyptian collections occupy the second floor. A large assembly room and administration offices are on the first floor and a library on the third floor.

THE OBSERVATORY

The Yerkes Astronomical Observatory is situated near Williams Bay, Wisconsin. Its principal instru-

ment is a refracting telescope of forty inches aperture.

VIII. GENERAL INFORMATION

ROUTINE OF ENTRANCE

I. CREDENTIALS

Application should be addressed to THE UNIVERSITY OF CHICAGO, Chicago, Ill. When presenting himself for admission to the University, the student should bring his *card of admission credits*, if he is entering a Junior College at its beginning; his *letter of dismissal* and an official statement concerning his previous work, if he is entering with advanced standing from another institution; and a *diploma*, if he is applying for admission to a Graduate School.

These documents should be presented at the office of the University Examiners. Detailed directions will be furnished as to the mode of registering for courses of instruction desired.

II. MATRICULATION AND REGISTRATION

1. TIME OF REGISTRATION.

- a) *Students in residence* in the Summer Quarter will register for the Autumn Quarter during the second week in August.

Students in residence in the Autumn Quarter will register for the Winter and Spring Quarters during the first week of December on the days announced on the bulletin boards and in the *Weekly Calendar*.

- b) Students entering the University *for the first time*, or resuming work after absence for a Quarter, will register on or before the last day of the month, preceding the Quarter in which work is to be done.

2. **ORDER OF PROCEDURE FOR NEW STUDENTS.**—New students will

- a) In case they come from a secondary school, present credentials to the Examiner for Secondary Schools and secure a card of admission credits. Those entering from colleges submit credentials to the Examiner for Colleges. This may be done by correspondence. New students are urged to send their credentials to the Examiner at least two days before they come to register.
- b) *Matriculate* in the office of the Dean of the School or College to which admission is desired. Matriculation is granted on presentation of the proper credentials which entitle the student to enter the University. As evidence of admission the student is given a *matriculation card*. This card should be retained under all circumstances, as it must be shown whenever membership in the University is to be demonstrated.
- c) *Register*, in the same office, the courses of study desired for the ensuing Quarter. For this purpose the student will be given a *registration card* for the Quarter, on which, after consultation with the Dean, the courses desired will be entered.
- d) *Pay the University fees* for the ensuing Quarter. In order to do this the student will present the *matriculation card* and the proper *registration card* at the office of the Registrar, Cobb Hall, Room 7 A. On payment of fees the Registrar

will stamp the matriculation card and return it to the student, together with a receipt for tuition fees and for laboratory fees (if any).

Tuition and other fees may conveniently be paid by check to the order of The University of Chicago. Details as to fees will be found below.

The names of the students will be sent to instructors as entitled to attend classes *only after the fees have been paid*, as above specified.

3. **CHANGES IN REGISTRATION.**—Registration being once effected, change of the same is permitted only (1) with the consent of the Dean, and (2) on payment of a fee of *one dollar* for each instance of change. In case of changes necessitated by the University, no fee is required.

4. **REQUIRED PHYSICAL CULTURE.**—Juniors are required to take continuous work in Physical Culture, and will register each Quarter for a course in that Department. Seniors take courses in Physical Culture during at least four Quarters, and will *in no case omit to register* for a course in that Department except after securing the written approval of the director of Physical Culture and presenting the same to the Dean at the time of registration.

5. **REQUIRED PUBLIC SPEAKING.**—All Juniors upon completing the first Major in required English will register for Public Speaking during the next two successive Quarters.

FEEES FOR MATRICULATION, TUITION, ETC.

1. **Examination or school inspection fee.**—A fee of \$5 is payable by students entering the Junior Colleges either by examination or from co-operating schools.
2. **Matriculation fee.**—The matriculation fee is \$5, and is required of every student on entrance to the University.
3. **Tuition fee.**
 - a) The tuition fee is \$40 per Quarter (including the library and incidental fee, \$5) for regular work (three Majors or their equivalent); there is no reduction to those taking only two Majors.
 - b) A reduction is made in case of students taking only one Major (or equivalent), one-half the full tuition fee being charged.
 - c) *All tuition and laboratory fees are due and payable on or before the first day of each Quarter. All fees are payable to the Registrar, Cobb Lecture Hall, Room 7 A.*

4. **Laboratory fee.**—Students in Chemistry pay a laboratory fee of \$5 for a Major course, and \$2.50 for a Minor course. Students in Biology pay \$2.50 for a Major course, and \$1.25 for a Minor course, except for courses in Gross Anatomy, in which the fee is \$5 for a Major course. Ten dollars (\$10) is the maximum charge for laboratory work in any one Department (M and DMj courses will be charged in proportion). In addition to the regular laboratory fee, students in Chemistry will procure a coupon ticket, entitling them to \$5 worth of laboratory material. Students in Biology will procure a coupon ticket, entitling them to \$2.50 worth of laboratory material. Unused portions will be redeemed.

5. **Graduation fee.**—The general graduation fee, including diploma, is \$10. In the case of students taking the certificate of a two years' course, the charge is \$5.

ROOMS, BOARD, AND GENERAL EXPENSES

Nine dormitories have thus far been erected in the Quadrangles. Two of these are reserved for the students of the Divinity School, and four are for women. A University House is organized in each dormitory; each House has a Head, appointed by the President of the University, and a House Committee, elected by the members; also a House Counselor, selected from the Faculties of the University by the members of the House. The membership of the House is determined by election, and each House is self-governing under the general control of the University Council.

The cost of rooms in the dormitories is from \$20 to \$74 per Quarter of twelve weeks. This includes heat, light, and care. Each hall for women has separate dining hall and parlors. The cost of table board in these halls is \$42 a Quarter.

All applications for rooms, or for information concerning rooms and board within or without the Quadrangles, should be made to the Registrar.

For further details, see special circulars as to rooms and board, which will be sent on application.

The following table will furnish an estimate of the

annual expenses for thirty-six weeks of a student in the University, residing within the Quadrangles:

	Lowest	Average	Liberal
University bill, tuition	\$120.00	\$120.00	\$120.00
Rent and care of room	60.00	105.00	225.00
Board	100.00	125.00	225.00
Laundry	15.00	25.00	35.00
Textbooks and stationery	10.00	20.00	50.00
Total	\$305.00	\$395.00	\$655.00

It is believed that students who find it necessary to reduce expenses below the lowest of these estimates can do so. Rooms outside the Quadrangles, furnished, with heat, light, and care, may be obtained at from \$1.25 a week upward, the \$1.25 rate being easily secured where two students room together. Many places offer room and board from \$4.50 upward. The Men's Commons, Hutchinson Hall, offers to students meals *à la carte*. Lexington Commons for women offers meals *à la carte* during the Autumn, Winter, and Spring Quarters. During the Summer Quarter the Men's Commons will be open to both men and women. A list of approved boarding places outside the Quadrangles is kept on file at the Registrar's Office, Cobb Lecture Hall, and information regarding them may there be obtained.

IX. ORDER OF EXAMINATIONS FOR ADMISSION, 1906-7

The examination for admission to the Junior Colleges will be held as follows:

June 8, 9, 11, and 12. (Friday, Saturday, Monday, and Tuesday.)

September 14, 15, 17, and 18. (Friday, Saturday, Monday, and Tuesday.)

NOTE 1.—Examinations may be taken at other dates only on permission of the Examiner for Secondary Schools and the payment of a special fee.

THE DIVINITY SCHOOL

I. OFFICERS OF GOVERNMENT

OFFICERS OF THE THEOLOGICAL UNION AND BOARD OF TRUSTEES

PRESIDENT, CHARLES A. MARSH, *Chicago*.VICE-PRESIDENT, BENJAMIN A. GREENE, *Evanston*.SECRETARY, THOMAS W. GOODSPEED, D.D., *Chicago*.TREASURER, FRANK J. LLEWELLYN, *Chicago*.AUDITOR, TREVOR ARNETT, *Chicago*.COUNSEL AND BUSINESS MANAGER, WALLACE HECKMAN, *Chicago*.

CLASS I.—TERM EXPIRES 1906

JESSE A. BALDWIN, *Chicago*.EDWARD GOODMAN, *Chicago*.WILLIAM CLANCY, *Chicago*.*WILLIAM R. HARPER, PH.D., D.D., LL.D., *Chicago*.FRANK PETERSON, *Minneapolis*.

CLASS II.—TERM EXPIRES 1907

CHARLES A. MARSH, *Chicago*.JOHN A. REICHELT, *Chicago*.JOHNSTON MYERS, D.D., *Chicago*.JUDSON B. THOMAS, D.D., *Chicago*.BENJAMIN A. GREENE, D.D., *Evanston*.

CLASS III.—TERM EXPIRES 1908

WILLIAM H. HOLDEN, *Chicago*.ERI B. HULBERT, D.D., LL.D., *Chicago*.AUSTIN K. DEBLOIS, D.D., *Chicago*.FRANK J. LLEWELLYN, *Chicago*.FRANCIS W. PARKER, LL.D., *Chicago*.

*Died January 10, 1906.

II. THE FACULTY*

†WILLIAM RAINEY HARPER, PH.D., D.D., LL.D., *President of the University; Professor and Head of the Department of Semitic Languages and Literatures.*

ERI BAKER HULBERT, D.D., LL.D., *Professor and Head of the Department of Church History; Dean of the Divinity School.*

GALUSHA ANDERSON, S.T.D., LL.D., *Professor Emeritus of Homiletics.*

FRANKLIN JOHNSON, D.D., LL.D., *Professor of Church History and Homiletics.*

CHARLES RICHMOND HENDERSON, A.M., PH.D., D.D., *Professor and Head of the Department of Ecclesiastical Sociology.*

ERNEST DE WITT BURTON, D.D., *Professor and Head of the Department of New Testament Literature and Interpretation.*

SHAILER MATHEWS, A.M., D.D., *Professor of Systematic Theology and of New Testament History; Junior Dean of the Divinity School.*

THEODORE GERALD SOARES, A.M., PH.D., D.D., *Professor of Homiletics.*

ALONZO KETCHAM PARKER, D.D., *Professorial Lecturer on Modern Missions; University Recorder.*

JOHN WILDMAN MONCRIEF, A.M., *Associate Professor of Church History.*

GERALD BIRNEY SMITH, A.M., D.B., *Assistant Professor of Systematic Theology.*

ALBERT HENRY NEWMAN, D.D., LL.D., *Professor of Church History, Baylor University, Waco, Texas (Summer Quarter, 1906).*

JOHNSTON MYERS, D.D., *Professorial Lecturer on Methods of Evangelism.*

HENRIK GUNDERSEN, A.M., D.B., *Dean of the Dano-Norwegian Theological Seminary; Professor of New Testament Interpretation and Biblical Literature.*

CHRISTIAN JORGINIUS OLSEN, *Instructor (in the Dano-Norwegian Theological Seminary) in Homiletics.*

NELS SØRENSEN LAWDahl, *Instructor (in the Dano-Norwegian Theological Seminary) in Church History.*

CARL GUSTAV LAGERGREN, A.M., D.B., *Dean of the Swedish Theological Seminary; Professor of Systematic Theology and Pastoral Duties.*

OLOF HEDEEN, A.B., *Assistant Professor (in the Swedish Theological Seminary) of Practical Theology and Exegesis.*

WILLIAM AUGUST PETERSON, *Instructor (in the Swedish Theological Seminary) in Church History.*

CHARLES EDMUND HEWITT, D.D., *Student Secretary of the Divinity School.*

SOLOMON HENRY CLARK, PH.B., *Associate Professor of Public Speaking.*

FREDRIC MASON BLANCHARD, A.M., *Assistant Professor of Public Speaking.*

LESTER BARTLETT JONES, A.B., *Associate and Director of Music.*

DIVINITY FELLOWS, 1905-6

LESLIE MOULTHROP BURWELL, A.B., D.B., *New Testament.* ROWLAND HECTOR MODE, A.B., A.M., *Old Testament.*

COLIN DONALD CAMPBELL, A.B., A.M., D.B., *New Testament.* ROY BATCHELDER NELSON, A.B., *New Testament.*

CHARLES ELLSWORTH HORNE, A.B., A.M., *Old Testament.* HARRY LEROY TAYLOR, A.B., D.B., *Systematic Theology.*

JOHN McLAUCHLAN, A.B., A.M., *Church History.* JOHN FREDERICK VICHERT, A.B., A.M., D.B., *Church History.*

ROBERT J. McKNIGHT, A.B., *Old Testament.*
DOUGLAS CLYDE MACINTOSH, A.B., *Systematic Theology.*

*The names in each group, with the exception of the names of the President of the University and the Dean of the Divinity School, are arranged in the order of collegiate seniority.

† Died January 10, 1906.

III. THE DIVINITY CONFERENCE

The Divinity Conference consists of all members of the Divinity Faculty, and of the following instructors in the Faculties of the Schools and Colleges of Arts, Literature, and Science, whose work is closely associated with that of the Faculty of the Divinity School:

IRA MAURICE PRICE, Ph.D., LL.D., *Professor of the Semitic Languages and Literatures.*
 GEORGE BURMAN FOSTER, A.M., *Professor of the Philosophy of Religion.*
 ROBERT FRANCIS HARPER, Ph.D., *Professor of the Semitic Languages and Literatures.*
 JAMES RICHARD JEWETT, Ph.D., *Professor of the Arabic Language and Literature.*
 JAMES HENRY BREASTED, Ph.D., *Professor of Egyptology and Oriental History.*
 HERBERT LOCKWOOD WILLETT, Ph.D., *Assistant Professor of the Semitic Languages and Literatures.*
 CLYDE WEBER VOTAW, Ph.D., *Assistant Professor of New Testament Literature.*
 EDGAR JOHNSON GOODSPEED, Ph.D., *Assistant Professor of Biblical and Patristic Greek.*
 JOHN MERLIN POWIS SMITH, Ph.D., *Instructor in the Semitic Languages and Literatures.*
 ERRETT GATES, Ph.D., *Associate (in the Disciples' Divinity House) in Church History.*

IV. THE BAPTIST ADVISORY COMMITTEE OF THE THEOLOGICAL UNION

The Committee consists of one hundred members. The annual meeting occurs in June. A special meeting may be held by a notice twenty days in advance and an announcement in the call of the special purpose of the meeting. The function of the Committee is advisory, and its recommendations, which may touch any matter involving the interests of the Seminary or the Theological Union, may be transmitted either to the Faculty or to the Trustees or to both.

Provision has been made for the appointment of Advisory Committees of other denominations. The following are the members of the Baptist Committee:

CLASS I

TERM EXPIRES JUNE, 1906

REV. C. W. BRINSTAD, Oakland, Cal.
 REV. EDWARD BRAISLIN, D.D., Burlington, N. J.
 MR. JOHN H. CHAPMAN, Chicago, Ill.
 REV. J. L. CHENEY, Ph.D., Cleveland, Ohio.
 REV. W. W. DAWLEY, D.D., Syracuse, N. Y.
 REV. ELMER E. FERRIS, Milwaukee, Wis.
 REV. J. N. FIELD, Redlands, Cal.
 PRESIDENT JOHN H. HARRIS, D.D., LL.D., Lewisburg, Pa.
 REV. R. W. HOBBS, Chicago, Ill.
 MR. JULIUS A. JOHNSON, Chicago, Ill.
 REV. R. V. MEIGS, Quincy, Ill.
 MR. WILLIAM A. MOORE, Detroit, Mich.
 REV. W. A. McKILLOP, Racine, Wis.
 REV. W. P. OSGOOD, Des Moines, Iowa.
 REV. S. E. PRICE, Ottawa, Kan.
 PRESIDENT J. D. S. RIGGS, Ph.D., L.H.D., Upper Alton, Ill.
 MR. D. W. SIMPSON, Aurora, Ill.
 PRESIDENT A. G. SLOOUM, LL.D., Kalamazoo, Mich.
 REV. R. M. WEST, St. Paul, Minn.

CLASS II

TERM EXPIRES JUNE, 1907

REV. JAMES P. ABBOTT, D.D., Oshkosh, Wis.

PRESIDENT E. BENJAMIN ANDREWS, LL.D., Lincoln, Neb.

REV. J. W. CONLEY, D.D., Omaha, Neb.
 REV. E. R. CUREY, Omaha, Neb.
 REV. C. H. HOBART, D.D., Oakland, Cal.
 REV. J. S. KIRTLEY, D.D., Elgin, Ill.
 MR. E. J. LINDSAY, Milwaukee, Wis.
 REV. P. W. LONGFELLOW, Urbana, Ohio.
 REV. E. B. MEREDITH, D.D., Kansas City, Kan.
 MR. CHARLES MILLER, Franklin, Pa.
 REV. J. F. MILLS, Marietta, Ohio.
 MR. ANDREW McLEISH, Chicago, Ill.
 REV. E. R. POPE, Minneapolis, Minn.
 REV. J. HERMAN RANDALL, Grand Rapids, Mich.
 PRESIDENT RUSH REEBS, D.D., LL.D., Rochester, N. Y.
 REV. J. K. RICHARDSON, D.D., Denver, Colo.
 MR. JOHN M. RINEWALT, Mt. Carroll, Ill.
 REV. W. T. STOTT, D.D., Franklin, Ind.
 REV. JOHN F. WATTS, Fairbury, Neb.

CLASS III

TERM EXPIRES JUNE, 1908

REV. F. L. ANDERSON, Chicago, Ill.
 PROFESSOR W. W. BEMAN, Ann Arbor, Mich.
 REV. A. W. CLARK, Omaha, Neb.
 REV. D. H. COOPER, D.D., South Bend, Ind.
 REV. FRANK H. COOPER, Cortland, N. Y.

MR. J. R. DAVIES, Newark, Ohio.
 JUDGE B. F. DUNWIDDIE, Janesville, Wis.
 PRESIDENT W. H. P. FAUNCE, D.D., Providence, R. I.
 PRESIDENT L. A. GARRISON, Pella, Iowa.
 REV. JOHN GORDON, D.D., Philadelphia, Pa.
 *MR. EDWIN C. HEWITT, LL.D., Normal, Ill.
 REV. C. A. HOBBS, D.D., Delavan, Wis.
 REV. E. F. JORDAN, Ph.D., Sioux Falls, S. D.
 PRESIDENT J. A. LEAVITT, D.D., Ewing, Ill.
 REV. SPENSER B. MEESER, D.D., Detroit, Mich.
 REV. H. F. STILWELL, D.D., Cleveland, Ohio.
 PROFESSOR J. STANLEY BROWN, Joliet, Ill.
 REV. H. J. VOSBURGH, Oakland, Cal.
 REV. WALTER M. WALKER, D.D., Philadelphia, Pa.

CLASS IV

TERM EXPIRES JUNE, 1909

REV. THOMAS ANDERSON, Wheeling, W. Va.
 REV. E. P. BRAND, Normal, Ill.
 PRINCIPAL EDWIN P. BROWN, Beaver Dam, Wis.
 REV. E. K. CHANDLER, D.D., Ottawa, Kan.
 REV. J. W. CLEVINGER, Marion, Ind.
 MR. R. B. GRIFFITH, Grand Forks, N. D.
 REV. G. A. HAGSTROM, Chicago, Ill.
 PROFESSOR C. H. HALL, D.D., Franklin, Ind.
 REV. MYRON W. HAYNES, D.D., Seattle, Wash.
 REV. G. F. HOLT, D.D., Minneapolis, Minn.
 REV. LORAN D. OSBORN, Ph.D., Des Moines, Iowa.
 REV. F. W. PARSONS, Ph.D., Mason City, Iowa.
 *MR. WILLIAM N. ROWE, Grand Rapids, Mich.

MR. E. W. STEPHENS, Columbia, Mo.
 PROFESSOR H. L. STETSON, D.D., Kalamazoo, Mich.
 PRESIDENT GEORGE SUTHERLAND, D.D., Grand Island, Neb.
 REV. CRAIG S. THOMS, Ph.D., Vermilion, S. D.
 REV. E. T. TOMLINSON, Ph.D., Elizabeth, N. J.
 REV. R. M. VAUGHAN, Janesville, Wis.
 REV. J. W. WEDDELL, D.D., Morgan Park, Ill.

CLASS V

TERM EXPIRES JUNE, 1910

REV. C. B. ALLEN, JR., D.D., Canton, Ohio.
 MR. E. E. BENNETT, Lincoln, Neb.
 MR. FRANK H. BURT, Chicago, Ill.
 MR. W. H. CHANNON, Quincy, Ill.
 REV. D. T. DENMAN, D.D., Oak Park, Ill.
 REV. W. A. ELLIOTT, Newton, Kan.
 REV. O. P. GIFFORD, D.D., Buffalo, N. Y.
 REV. F. M. HUCKLEBERRY, Mount Pleasant, Ind.
 REV. D. W. HULBERT, Wauwatosa, Wis.
 REV. JOHN L. JACKSON, D.D., Chicago, Ill.
 PRESIDENT R. H. JESSE, D.D., LL.D., Columbia, Mo.
 PRINCIPAL MILO B. PRICE, Owatonna, Minn.
 REV. H. O. ROWLANDS, D.D., Davenport, Iowa.
 REV. T. M. SHANAFELT, D.D., Huron, S. D.
 REV. THOMAS STEPHENSON, Pueblo, Colo.
 REV. E. P. TULLER, Chicago, Ill.
 REV. KEER BOYCE TUPPER, D.D., LL.D., New York, N. Y.
 MR. G. JAY VINTON, Detroit, Mich.
 REV. S. E. WILCOX, Des Moines, Iowa.

V. AN HISTORICAL STATEMENT

The Baptist Union Theological Seminary was originally established and is still controlled by the corporation known as "The Baptist Theological Union, located at Chicago." The institution was fully organized in 1867, and for twenty-five years enjoyed an uninterrupted prosperity. The number of students, attracted from all parts of the country, increased annually; able scholars were enrolled on the faculty of instruction; men of eminent business ability and large liberality managed the finances, and provided the buildings, libraries, and endowments.

When Mr. Rockefeller made his first subscription

of \$1,000,000 to the University, he made it a condition of the gift that the Seminary should become the Divinity School of the University. In order to realize this condition he further stipulated that \$100,000 of his subscription should be used for the erection of a building for the Seminary on the University campus, and that \$100,000 of it should be set apart for the further endowment of the Seminary. In keeping with these requirements Articles of Agreement were entered into between the Boards of the two institutions by which the Theological Seminary became the Divinity School of the University of Chicago.

*Deceased.

INFORMATION AND REGULATIONS

(CONCERNING THE DIVINITY SCHOOL)

I. GENERAL INFORMATION

ORGANIZATION

The Divinity School includes—

- 1) *The Graduate Divinity School*, designed primarily for college graduates.
- 2) *The English Theological Seminary*, offering a four years' prescribed curriculum in English subjects, consisting of resident courses in the Summer Quarter and non-resident correspond-

ence courses in the other three Quarters of the year.

- 3) *The Dano-Norwegian Theological Seminary*, in which the instruction is given principally in the Danish and Norwegian languages.
- 4) *The Swedish Theological Seminary*, in which the instruction is given principally in the Swedish language.

SCHOLARSHIPS AND FELLOWSHIPS

1. Fellowships.

- 1) The following Fellowships are available for students in the Graduate Divinity School:

- a) *The Biblical Fellowship*, yielding \$420 for one year, is assigned to that student who has spent not less than two years in residence at a theological school of approved standing, and who, in the judgment of the Faculty, has shown special proficiency in biblical subjects.
- b) *The Historical Fellowship*, yielding \$420 for one year, is assigned to that student who has spent not less than two years in residence at a theological school of approved standing, and who, in the judgment of the Faculty, has shown special proficiency in historical subjects.
- c) *The Theological Fellowship*, yielding \$420 for one year, is assigned to that student who has spent not less than two years in residence at a theological school of approved standing, and who, in the judgment of the Faculty, has shown special proficiency in theological subjects.
- d) *The Drake Memorial Biblical Fellowship* of \$6,000, founded by Mrs. Caroline M. Drake, of St. Paul, Minn., the income to be used for the benefit of a Fellow in the Divinity School whose specialty is the study of the Sacred Scriptures.

NOTE.—The above four Fellowships are, by direction of the founders, limited to Baptist students.

- e) *Four Divinity School Fellowships*, each yielding \$405 for one year, are assigned to students

who have spent not less than two years in residence at a theological school of approved standing.

NOTE.—The above four Fellowships are not limited to Baptist students.

- 2) *Service*.—In order to cultivate independence on the part of the student, and to obtain for him the advantage which proceeds from practical work, each student on a Fellowship is expected to render assistance of some kind in connection with the work of the Divinity School. This assistance consists, for the most part, in service as an instructor, or as assistant in reading examination papers, or as assistant in the departmental library; but in no case will a student be expected, or allowed, to devote more than one-sixth of his time to such service.
- 3) *Outside work*.—During the time of appointment a Fellow may not have pastoral charge of a church or do outside work for pecuniary compensation without the special permission of the Faculty or the President.
- 4) *Method of Application*.—See page 66 of this Register.
2. *Scholarships*.—The following Scholarships, available for students in the Graduate Divinity School, are by direction of the founders limited to Baptist students:
 - 1) *The Van Husan Scholarship* of \$2,000, endowed by the family of the late Caleb Van Husan, of Detroit, Mich., the income to be used for the benefit of a member of the Senior Class of unusual promise.

- 2) The *McClurg Scholarship* of \$2,000, founded by Miss Mary F. McClurg, of St. Paul, Minn., the income to be used for the benefit of some graduate of Pillsbury Academy or other member of the Divinity School approved by the donor and the Faculty.
- 3) The *Charles Miller Burchard Memorial Scholarship* of \$2,500, endowed by Mrs. H. M. Burchard, of Kankakee, Ill., the income to be used for the benefit of a theological student approved by the donor and the Faculty.
- 4) The *First Baptist Church Indianapolis Scholarship* of \$2,500, endowed by E. C. Atkins, Esq., of Indianapolis, Ind., the income to be used for the benefit of a theological student approved by the Faculty.
- 5) The *Daniel Volintine Memorial Scholarship* of \$2,500, endowed by Mrs. Sarah J. Volintine, of Aurora, Ill., the income to be used for the benefit of a theological student approved by the donor and the Faculty.
- 6) The *Andrew McLeish Scholarship* of \$3,000, endowed by Andrew McLeish, of Chicago, Ill., the income to be used for the benefit of a theological student approved by the donor and the Faculty.
3. *Scholarship funds.*—In addition to the above the University has set aside the income from certain specific sources as a Divinity Scholarship Fund. The income from these sources is at present about \$12,000.

From all the above-named sources, and by the co-operation of the Northwestern Baptist Education Society (see under Preaching and Religious Work), the Graduate Divinity School is able to offer to all approved applicants Annual Scholarships varying from \$105 to \$255 a year (\$35 to \$85 a Quarter), and to a limited number of advanced students Fellowships of \$406 and \$420 a year.

EXPENSES

1. *Tuition.*—The fee for instruction (including incidental and library fees) is \$40 a Quarter; except that in the Summer Quarter a merely nominal fee of \$5 a Quarter, \$2.50 a Term, is charged. To students entering the University for the first time there is a charge of \$5 as a matriculation fee.
2. *Room rent.*—By the munificence of Mr. John D. Rockefeller, Divinity halls, accommodating 140 students, have been erected upon the University grounds, in which furnished rooms are rented to students regularly matriculated in the Divinity School at from \$8 to \$12 a Quarter, this charge being intended to cover the expense of heat, light, and care of room. Rooms cannot be subrented, nor can exchange or transfer of rooms be made, except by permission of the Registrar. Applications for rooms should be sent to the Registrar of the University.
3. *Diploma and certificate fees.*—The charge for the diploma of the University is \$10, and for the certificate, \$5.00.

THE LIBRARY

The University Library consists of the General Library and Departmental Libraries for the several Departments, and contains in the aggregate approximately 400,000 volumes. The General Library is open to Divinity students, and each Department of the Divinity School has its own Departmental Library, located in connection with the lecture-rooms of the Department to which it belongs, and intended for reference and special research.

Among the collections owned by the University and of special value to the Divinity School are the library

of Professor E. W. Hengstenberg, late professor in the University of Berlin; that of Dr. George B. Ide; the Colwell Library of the American Bible Union, collected by Dr. T. J. Conant while prosecuting his work of translating the Bible, and said to be one of the finest translation collections in existence; and the original library of the Baptist Union Theological Seminary, consisting largely of books in History, Science, Sociology, and Literature. Large accessions are also being constantly made by purchase of books, especially for the Departmental Libraries of the Divinity School.

II. REGULATIONS OF THE GRADUATE DIVINITY SCHOOL

Besides the general regulations of the University and the regulations of the Divinity School, the following special regulations apply to the Graduate Divinity School:

1. Admission.

- 1) *Candidates for a degree.*—Candidates for a degree in the Graduate Divinity School are required to present the diploma of an accepted college, certifying that they have received the Bachelor's degree.

If the candidate's college degree was obtained without classical Greek, he must (before taking Course 1 in New Testament Greek) either (a) pass the examination in Greek 1 and 2 for admission to the Junior College of the University, or (b) do two units work in classical Greek in an academy or college of the University (six academy Majors or four college Majors). In the latter case the work so done will be credited as three Majors toward the requirements for a Divinity degree, if the student's college degree has been equalized with that of the University of Chicago; otherwise as four Majors toward the equalization of his college degree with that of the University.

If the candidate's college degree was obtained without Latin, he must, before obtaining a Divinity degree, fulfil the Latin requirement of the University of Chicago for the Bachelor's degree.

- 2) *Unclassified students.*—Unclassified students may be admitted to the courses of instruction without examination, provided that (a) they can show good reason for not entering one of the regular classes; (b) they can give evidence to the Deans and the particular instructor under whom they desire to study that they are prepared to undertake the proposed subject or subjects.
- 3) *Students under other Faculties.*—(a) All the departments of the Divinity School are open to Graduate and Senior College students, the particular courses offered being determined by the Head of each Department; (b) Senior College students who have completed nine Majors of Senior College work are permitted to elect the nine remaining Majors in the Graduate Divinity School, and the Majors so elected are credited toward the D.B. degree. Work of the same kind, amount, and quality done in other institutions receives the same credit.

- 4) *Admission to advanced standing.*—Students coming from theological schools of high grade receive credit for work already done.

- 5) *Medical missionaries.*—Special arrangements may be made in the case of students preparing for work as medical missionaries.

2. *Degrees Conferred.*—The Graduate Divinity School offers courses leading to the degrees of D.B., A.M., and Ph.D. Seventeen Majors of the curriculum are the same for all students.

3. *The Thirteen Prescribed Majors.*—The courses from which the thirteen prescribed Majors are to be selected are as follows:

XL. OLD TESTAMENT

- 80-82. *General Survey of Old Testament Literature and History.* 3Mj

80. *Beginnings of Old Testament Literature and History*, including a study of Prophecy.

81. *The Priestly Element in the Old Testament.*

82. *The Wisdom Element in the Old Testament.*

84. *The Origin, Growth, and Character of the Prophetic Books.*

NOTE 1.—Of these four Majors, any three may be selected.

NOTE 2.—In the place of the three Survey Courses in English as above, the student is at liberty to substitute a Double Major in the Hebrew Language (Course 1) and a Major in Historical Hebrew (Course 2).

XLII. NEW TESTAMENT

1. *Introduction to the Study of New Testament Greek.*
Mj. Summer Quarter, 1906; 2:00

ASSISTANT PROFESSORS VOTAW AND GOODSPEED
Mj. Autumn Quarter, 1906; 9:30
ASSISTANT PROFESSOR GOODSPEED

2. *Introduction to New Testament History.*
Mj. Winter Quarter, 1907; 9:30
PROFESSOR MATHEWS

3. *Introduction to the Books of the New Testament.*
Mj. Spring Quarter, 1906, 1907
Mj. Summer Quarter, 1906
PROFESSOR BURTON

XLIV. SYSTEMATIC THEOLOGY

1. *Introduction to Theology.*
Mj. Autumn Quarter, 1906, 1907
ASSISTANT PROFESSOR SMITH

2. The Content of the Gospel, I.

Mj. Winter Quarter, 1906
PROFESSOR MATHEWS

3. The Content of the Gospel, II.

Mj. Spring Quarter, 1906
PROFESSOR MATHEWS

4. Christian Ethics.

Mj. Spring Quarter, 1906
ASSISTANT PROFESSOR SMITH

NOTE.—The required courses in Systematic Theology are 1 and 2, and either 3 or 4.

XLV. CHURCH HISTORY

1. Outlines of Church History.

Mj. Summer Quarter, 1906; 8:30
Mj. Autumn Quarter, 1906; 8:30
ASSOCIATE PROFESSOR MONCRIEF

3. Prior to Constantine.

Mj. Winter Quarter, 1906, 1907; 8:30
PROFESSOR HULBERT

4. From Constantine to Theodosius.

Mj. Spring Quarter, 1906, 1907; 8:30
PROFESSOR HULBERT

18. The German Reformation.

Mj. Spring Quarter, 1906
PROFESSOR JOHNSON

NOTE.—The required courses in Church History are 1, 3, and one other selected from the following: 4, 18.

XLVII. ECCLESIASTICAL SOCIOLOGY.

63. Introduction to Ecclesiastical Sociology.

Mj. Autumn Quarter, 1906
PROFESSOR HENDERSON

4. *Election of field of work, department of study, and degree.*—It is the judgment of the Faculty that when the student has completed the thirteen prescribed Majors, in which he gains a general knowledge of the field of theological study, he should determine, provisionally, in what department of the great field of the Christian ministry he expects to do his future work, and what line of study he wishes to emphasize in preparing for such work. Accordingly, on the completion of the thirteen Majors above named each student submits to the Faculty for approval a written statement indicating—

- 1) His selection of one of the following fields of future work: (a) preaching, (b) religious teaching, (c) pastoral work, (d) administrative work, (e) editorial work, (f) missionary work.
- 2) One of the following Departments as that of his principal subject: (a) Old Testament, (b) New Testament, (c) Church History, (d) Systematic

Theology, (e) Ecclesiastical Sociology, (f) Homiletics.

- 3) A Professor in the Department in which he has chosen his principal subject, as his adviser, under whose direction he does his subsequent work.

- 4) Which of the following degrees he is seeking: (a) Bachelor of Divinity, (b) Master of Arts, (c) Doctor of Philosophy. But the candidate for the degree of Ph.D. must select his principal subject in one of the first five Departments named above.

5. *General requirements of candidates for all degrees.*

- 1) In connection with the thirteen prescribed courses, the student is required to take: (a) During the Autumn Quarter, one hour each week in English, under the direction of the Department of Homiletics. (b) During the Winter and Spring Quarters, one hour each week in Music.
- 2) Each student takes one Major in Public Speaking.
- 3) In the case of men who indicate preaching or pastoral or missionary work as their field of future labor, three Majors are required in the Department of Homiletics, namely, one from each of the two groups 1, 2 and 3, 4, and Course 6.
- 4) In case of men who indicate teaching as their field of future labor, three pedagogical courses (Majors) are required.
- 5) Hebrew is required only of students who select the Old Testament as their principal subject for any degree, and of students who select the New Testament as their principal subject for the Doctor's degree.
- 6) With the approval of the Deans, a student in the Divinity School may pursue studies in any Department of the University. But no student may do more than one-third of his work in any given Quarter in non-Divinity courses; provided, however, that a student who has been accepted as a candidate for the Ph.D. degree may pursue such courses in the Department of the Graduate School closely related to that Department of the Divinity School in which his principal work is done, as the Head of the Department may, in a written statement to the Dean, recommend and accept as done in the principal Department.

NOTE.—All Senior College and Graduate courses offered by members of the Divinity Conference are for the purposes of this regulation reckoned as Divinity courses. These courses are printed in the *Quarterly Announcements* under the head "Courses Offered by the Divinity School."

- 7) A student who has received, or fulfilled the requirements for, any degree from the University may, whenever he has fulfilled the requirements for another degree, receive that degree without further conditions of residence or interval of time; provided that this shall not be construed as modifying the existing regulations concerning the crediting of the same work for two degrees.

6. Requirements for the degree of D.B.

- 1) *Further courses.*—The student who, having taken the required Majors as stated in 3 and 5 above, and having made the election stated in 4 above, is accepted as a candidate for the degree of D.B., must accomplish ten additional Majors under the direction of his adviser.

Of the twenty-seven Majors thus required not less than eighteen must have been pursued in residence at a theological school of high standing, and the remainder in accordance with the general regulations for non-resident work. Of the total twenty-seven not less than nine must have been pursued at the University.

Graduates of other theological schools must, in order to receive the degree of D.B. from this University, after matriculation select a principal subject, and on acceptance by the Faculty as candidates for the degree of D.B. continue in residence not less than three Quarters, and accomplish nine Majors under the direction of the department in which the principal subject lies.

- 2) *Thesis.*—The student is required to prepare a thesis upon some theological subject. This production must be scholarly in character, and the author must be prepared to defend the positions taken therein. The subject must be submitted for approval to the instructor to whose Department it pertains, at least twelve months before the date of the final examination. The thesis itself must be submitted in written form three months before the date of the final examination, and, after final criticism, in typewritten form, upon the thesis paper prescribed by the University, six weeks before the final examination. Any exceptions to the above rules of time limit will be considered only on recommendation of the Department concerned. The student is permitted to offer a thesis already

presented in his regular class work. Accepted theses become the property of the University.

The degree will be recommended only after two bound, printed or typewritten, copies of the thesis of the candidate have been deposited with the Librarian of the University.

- 3) *Final examination.*—The requirements with respect to the final examination are the same as in the case of the Ph.D. degree, except that no brief of the student's work is required.
7. *Requirements for the degree of A.M.*

- 1) The candidate for the degree of A.M. must have completed a Bachelor's course equivalent to that required for the Bachelor's degree in the University of Chicago.

- 2) *Further courses.*—The student who, having accomplished seventeen Majors as stated in 3 and 5 above, and having made the elections indicated in 4 above, is by vote of the Faculty accepted as a candidate for the degree of A.M., must accomplish ten additional Majors. Of these six must be in that Department of the Divinity School in which his principal work is done; the remaining elective courses may, with the approval of this Department, be in any Department or Departments of the Divinity School or of the Graduate Schools.

Of the total twenty-seven Majors thus required for the degree of A.M., not less than eighteen must have been pursued in residence at a theological school of recognized high standing, and the remainder in accordance with the general regulations for non-resident work (see below). Of the total twenty-seven not less than nine must have been pursued at the University.

Graduates of other theological schools must, in order to receive the degree of A.M. from this University, after matriculation select a principal subject, and, after acceptance by the Faculty as candidates for the degree of A.M., continue in residence not less than three Quarters, and accomplish nine Majors under the direction of the Department in which the principal subject lies.

- 3) *Thesis and examination.*—The requirements with respect to theses are the same as in the case of the D.B. degree, except that the degree shall be recommended only after *five* bound printed or typewritten copies of the thesis, upon the thesis paper prescribed by the University, have been deposited with the Librarian of the Uni-

versity. The requirements in respect to final examination are the same as in the case of the Ph.D. degree.

The thesis must be upon some question connected with the principal subject.

8. *Requirements for the degree of Ph.D.*

- 1) The candidate for the degree of Ph.D. must have completed a Bachelor's course equivalent to that required for the Bachelor's degree in the University of Chicago.
- 2) He must have completed thirteen Majors in theological study, distributed as stated in 3 above.
- 3) He must have a reading knowledge of French and German, a good command of literary expression, and such knowledge of subjects considered fundamental as may be prescribed by the individual Departments.
- 4) Having made the elections indicated in 4 above, which in this case must include also the selection of a secondary subject, and having been by vote of the Faculty accepted as a candidate for the degree of Ph.D., he must continue in residence at least eight Quarters longer, and accomplish work equivalent to at least twenty-four Majors. Of his elective work, two-thirds shall be given to his principal subject. The

remaining one-third must be taken in his secondary subject, which may be either in the Divinity School or the Graduate Schools.

Of the four years thus required as a minimum for the degree of Ph.D., not less than three must have been spent in residence at a theological school of recognized high standing, and the last two at the University.

REMARKS.—(1) The candidate for the degree of Ph.D. is permitted to take the degree of D.B. or A.M. when he shall have completed twenty-seven Majors according to the prescribed regulations. (2) The student who has taken the degree of D.B. or A.M., and who is thereupon accepted as a candidate for the degree of Ph.D., may offer toward the latter degree the work he has already done in the Departments which he chooses for his principal and secondary subjects.

5) *Thesis*.—See p. 64 of this *Register*.

6) *Final examination*.—See p. 66 of this *Register*.

9. *Non-resident work*.—See p. 66 of this *Register*.

10. *Requirements for the re-enacted degree of D.B.*
Persons who have received the degree of D.B. from the Baptist Union Theological Seminary may, without examination or thesis, receive the same degree from the University of Chicago. The applicant must pay a diploma fee of \$5.00 and be present in person to receive the degree.

III. THE ENGLISH THEOLOGICAL SEMINARY

Besides the general regulations of the University and the regulations of the Divinity School, the following information and special regulations apply to the English Theological Seminary:

GENERAL INFORMATION

1. The English Theological Seminary is open to pastors of churches, to approved students for the ministry, and to men and women who, with the commen-

dation of their churches, propose to devote their lives to religious work.

REGULATIONS

1. *Purposes*.—The English Theological Seminary is intended to meet the needs of students who have not secured the advantages of a collegiate education. Pastors who are neither college nor divinity-school graduates, approved candidates for the ministry whose scholastic training is deficient, and men and women who, with the commendation of their churches, purpose to devote their lives to religious work, are admitted to the English Theological Seminary. For students of this description the season of residence is the Summer Quarter only. The Seminary provides non-resident correspondence courses

for the Autumn, Winter, and Spring Quarters. (Special Circulars explaining the correspondence-study work will be sent on application.)

2. Resident courses are offered in the Summer Quarter only, and consist of two or more groups, each of three Majors.

3. Non-resident courses continuing those of the Summer Quarter are offered for the Autumn, Winter, and Spring Quarters. These are so arranged as to supplement the resident work, and in such a manner that the student is able to complete during the thirty-six weeks of non-residence an

amount of work equivalent to that accomplished in the twelve weeks of residence. Examinations upon the non-resident work are offered at the University at the beginning of the Summer Quarter.

4. The curriculum of the Seminary thus includes four years of continuous work, namely, four Summer Quarters in residence and twelve Quarters in absences.

5. Of the twenty-four Majors thus required, six may be taken in subjects preparatory to the theological curriculum, namely, Rhetoric, Logic, Psychology, History, Evidences of Christianity, and Ethics.

6. A student may prolong his course either by residing at the University one Term during any particular Summer Quarter, instead of the whole Quarter,

or by taking a smaller number of subjects while absent from the University.

7. A certificate of graduation in English will be granted to each student who (1) completes twenty-four Majors according to the conditions named above, not more than one-half of them being taken in absence; (2) presents a satisfactory thesis upon a subject approved by the Professor to whose Department it pertains; the subject must be selected and approved at least six months before the date of the final examination; and the thesis itself must be submitted and approved six weeks before the date of final examination; and when approved it will become the property of the University; (3) passes a satisfactory final examination in addition to the regular course examinations.

IV. THE SCANDINAVIAN SEMINARIES

In accordance with the action of the Trustees, the work of the Scandinavian Theological Seminaries was transferred in October, 1894, from *Cobb Lecture Hall* to *Walker Hall* at Morgan Park. The Faculties of these Seminaries have been organized into a separate Faculty under the Divinity Faculty for the conduct of this work.

The purpose of these Seminaries is to fit young men to preach the gospel to the Danes, Norwegians, and Swedes in this country and in the home lands. The curriculum consists of two years of preparatory studies and two years of strictly Divinity studies. The latter include Exegesis, History, Theology, Homiletics, and Pastoral Duties.

The regulations respecting admission, Quarters, Terms, courses, attendance, and standing are the same for students in *Walker Hall* as for those who reside in the *Divinity Halls* in Chicago.

The dues of the Scandinavian students are \$8.50 a Quarter, divided, \$6.00 for heat and light, \$2.50 for library fee.

V. ALLIED ORGANIZATIONS

MEMORANDUM OF AGREEMENT *between* THE DIVINITY HOUSES OF THE UNIVERSITY OF CHICAGO *and* THE UNIVERSITY OF CHICAGO

First. The Divinity House (in each case) of the University of Chicago hereby agrees to build one or more halls at some point in proximity to the grounds of the University of Chicago, to be called by name or names hereafter to be agreed upon by the parties to this contract, it being understood that the hall or halls shall be used as a home for students of these denominations attending the University of Chicago; it being further understood that the grounds and halls shall be the sole and exclusive property of said Divinity House of the University of Chicago.

Second. The University of Chicago hereby agrees to furnish to the students of said House all the privileges of the University on the same terms as to the students living in the houses of the University itself; it being further understood that students pursuing courses of theological studies shall be admitted in accordance with the regulations governing the Divinity School, and that said students, after having completed the courses of study laid down by the University, shall receive the proper recognition of such work in the form of appropriate degrees.

Third. It is mutually agreed that the Divinity House of the University of Chicago shall have the privilege of nominating one or more instructors or officers, who shall be given general charge of their said hall or halls and of students residing therein; provided said instructors or officers shall be elected by the Board of Trustees of the University of Chicago; it being understood:

1. That the officers of the House shall be recognized as members of the University of Chicago; shall be invited to confer with the Divinity Faculty of the University on questions which relate exclusively to the interests of the House or its members, and upon such questions only; and that the House shall be represented in the University Council, by its principal officer, who shall be called Dean.

2. That the officers of the House shall give instruction in connection with the Department or Departments of the University designated at the time of their election, which instruction shall be accepted of students in lieu of other similar instruction offered by the University in accordance with the regulations of the Divinity School.

3. That the support and maintenance of such officers and instructors shall be provided by the Divinity House of the University of Chicago; it being understood that the University of Chicago shall have no financial responsibility in connection with said House, its officers, or teachers.

DEAN OF THE DISCIPLES' DIVINITY HOUSE, REV. HERBERT LOCKWOOD WILLETT, PH.D.

SECRETARY OF THE CUMBERLAND PRESBYTERIAN DIVINITY HOUSE, _____

THE LAW SCHOOL

I. THE FACULTY

- HARRY PRATT JUDSON, A.M., LL.D., *Acting President of the University.*
 JAMES PARKER HALL, A.B., LL.B., *Professor of Law; Dean of the Law School.*
 FLOYD RUSSELL MECHEM, A.M., *Professor of Law.*
 ERNST FREUND, Ph.D., J.U.D., *Professor of Law.*
 HORACE KENT TENNEY, A.B., LL.B., *Professor of Law.*
 JULIAN WILLIAM MACK, LL.B., *Professor of Law.*
 CLARKE BUTLER WHITTIER, A.B., LL.B., *Professor of Law.*
 HARRY AUGUSTUS BIGELOW, A.B., LL.B., *Associate Professor of Law.*
- HENRY VARNUM FREEMAN, A.M., *Professorial Lecturer on Legal Ethics.*
 CHARLES EDWARD KREMER, *Professorial Lecturer on Admiralty Law.*
 FRANCIS WARNER PARKER, A.B., LL.B., *Professorial Lecturer on Patent Law.*
 FRANK FREMONT REED, A.B., *Professorial Lecturer on Copyright and Trade Mark Law.*
 JOHN MAXCY ZANE, A.B., *Professorial Lecturer on Mining and Irrigation Law.*
 PERCY BERNARD ECKHART, Ph.B., LL.B., *Lecturer on Public Service Companies and Carriers, and Damages.*
- EMLIN McCLAIN, A.M., LL.B., LL.D., *Judge of the Supreme Court of Iowa, late Professor of Law and Chancellor of the College of Law, University of Iowa (Summer Quarter, 1906).*
 NATHAN ABBOTT, A.B., LL.B., *Professor of Law and Dean of the Law Department, Leland Stanford Jr. University (Summer Quarter, 1906).*
 EDWIN HAMLIN WOODRUFF, LL.B., *Professor of Law, Cornell University (Summer Quarter, 1906).*
 WALTER WHEELER COOK, A.M., LL.M., *Professor of Law, University of Missouri (Summer Quarter, 1906).*
 ALBERT MARTIN KALES, A.B., LL.B., *Associate Professor of Law, Northwestern University (Summer Quarter, 1906).*
 HAROLD DEXTER HAZELTINE, A.B., LL.B., J.U.D., *Lecturer in Law, Cambridge University, England (Summer Quarter, 1906).*
- FREDERICK WILLIAM SCHENK, *Librarian.*

II. ORGANIZATION AND EQUIPMENT

GENERAL STATEMENT

The University of Chicago Law School was established in 1902. It aims to give a thorough legal training to students whose education and maturity have fitted them to pursue serious professional study. The method of instruction employed — the study and discussion of cases — is designed to give an effective knowledge of legal principles and to develop the power of independent legal reasoning. The course of study offered, requiring three academic years for completion, is not local in its scope, but constitutes a thorough preparation for the practice of law in any

English-speaking jurisdiction. By taking advantage of the Quarter system (see "General Information," p. 88, below) students may complete the course in two and one-fourth calendar years.

Only college graduates or students who have had college work equivalent to three years in the University are admitted as regular students, candidates for the degree of Doctor of Law (J. D.)* The University permits one year of law to be counted as the fourth year of college work, and confers an academic Bachelor's degree upon candidates for J.D. who have com-

* This form of degree (*Juris Doctor*) has been chosen as appropriate for graduate professional work, after consultation with other graduate law schools and in the expectation of its adoption by them in the near future.

pleted one year in the Law School, thus enabling them to obtain both the academic and the professional degree in six years. Mature students of promising ability who cannot meet the above requirements may be admitted as candidates for the degree of Bachelor of Laws (LL.B.) upon the conditions stated below, p. 86, under "Admission Requirements" and "Degrees."

It is very desirable that the preliminary education of law students should include work in History, Economics, and Political Science, and provision has been made in the third college year for pre-legal study devoted chiefly to these subjects. This course is not required, but students expecting to study law are strongly advised to pursue it. Its suggested topics are found below under "Pre-Legal Courses" in Part II of this *Register*.

THE LAW BUILDING

The Law School occupies a new building within the University Quadrangles, erected especially for it in 1904. It is three stories high, 175 feet long, and 80 feet wide, built of stone in the English Gothic style of architecture. On the first floor are four lecture-rooms, two of which are in amphitheater form. The mezzanine floor is occupied by the library stack-room, connected with the reading-room above by electric book lifts and designed to contain steel stacks for 90,000 volumes. Opening into the stack-room are studies for members of the Faculty. On the third floor is the reading-room, a great hall with high tim-

bered ceiling, 160 feet long and 50 feet wide, lighted on all sides by Gothic windows. It has wall shelves for 14,000 books and provides space for tables accommodating over 400 readers. Adjoining the reading-room is the office of the Dean. In the basement is a smoking-room, and the locker-room containing several hundred steel-mesh lockers for the use of students. The building is lighted by electricity, is artificially ventilated, is provided with an interior telephone system, and in every respect is thoroughly equipped for its purpose.

THE LIBRARY

The Law Library contains 27,000 volumes. Except a few county court decisions, it includes all of the American, English, Irish, Scotch, Canadian, Australian, New Zealand, and higher Indian reports, with their digests; all past and present codes and statutory revisions of those jurisdictions; all English, Irish, and Scotch statutes, and (except the early laws of some of the older states) the session laws of all the American

states and Canadian provinces; all collateral reports and series of classified cases in use; an extensive collection of treatises, periodicals, trials, and legal miscellany; and a working library in French, German, Spanish, and Mexican law.

Students in the Law School may use the other University libraries, containing about 400,000 volumes.

PRACTICE COURSES, MOOT COURTS, AND PUBLIC SPEAKING

To familiarize students with the more generally prevailing rules of procedure in American courts, courses in Practice are offered continuing through two years. The course for second-year students deals with proceedings in suits before judgment; and the course for third year students includes judgments, their enforcement and review, various special proceedings, and the preparation of briefs and arguments. Both courses are required of all law students.

A number of law clubs exist which hold Moot

Courts with the advice and assistance of members of the Faculty. Students are encouraged to form or join these bodies and to take part in their proceedings.

The University courses in Public Speaking and Debate are open without extra charge to students of the Law School, and the latter maintain one of the University debating societies. Law students are eligible for the University prize debates, and for places upon the intercollegiate debating teams.

ADMISSION REQUIREMENTS

ADMISSION TO THE PRE-LEGAL COURSE

Admission to the pre-legal course is granted to students who have completed in the University or elsewhere at least eighteen Majors (two years) of college work. Credit will be given for acceptable work done in other institutions of collegiate rank.

Such students, after completing enough pre-legal work (see "Pre-Legal Courses," Part II of this *Register*) to give them altogether twenty-seven Majors (three years) of credit in the University, will be admitted to the Law School as candidates for the degree of Doctor of Law (J.D.). Upon the completion of one year of law and the satisfaction of the requirements stated below, under "Degrees," they will receive an academic Bachelor's degree from the University.

The pre-legal course is not required for admission to the Law School, but students intending to study law are strongly advised to pursue this course in their third college year and to choose their Junior College electives with this view. Candidates for the degree of LL.B. are also urged to take some pre-legal work, if possible, before entering the Law School.

ADMISSION TO THE LAW SCHOOL

a) Admission to the Law School as candidates for the degree of J.D. is granted:

1. To college graduates whose degrees represent

college work equivalent to twenty-seven Majors (three years) in the University.

2. To students who have completed in the University or elsewhere twenty-seven Majors (three years) of college work.* Credit will be given for acceptable work done in other institutions of collegiate rank. Before receiving the degree of J.D. such students must obtain from the University an academic degree,† and are permitted to count toward this one year of law. The requirements for academic degrees will be found below, under "Degrees."

b) Admission to the Law School as candidates for the degree of LL.B. is granted:

1. To students over twenty-one years old who have completed high-school or college work equivalent to 15 units of admission credit to the University (the usual college entrance requirement—ordinarily satisfied by four years of high-school work). This work must include three units in English. The degree is granted to those only who complete the course with a high average standing.

c) Unclassified students.—In rare instances students over twenty-one years old who cannot meet the above requirements will be admitted as unclassified students, if the Law Faculty are convinced that their previous training will enable them satisfactorily to pursue the work. Such students are not candidates for a degree.

ADMISSION TO ADVANCED STANDING

Students from other law schools of high grade who are otherwise qualified to enter the School, will ordinarily receive credit (not exceeding two years in amount) for work and residence satisfactorily completed at such schools corresponding in character to that required at this School. The right is reserved to refuse such credit, in whole or in part, save condi-

tionally or upon examination. (See "Regulations," p. 87 below.)

Candidates for the degree of Bachelor of Laws must be twenty-two years old to be admitted to second-year standing, and twenty-three years old to be admitted to third-year standing.

No credit will be given for work not done in residence at a law school.

DEGREES

The University confers the degree of A.B., Ph.B., or S.B. upon Law students admitted to candidacy for the degree of J.D. who have completed nine Majors (one year) of work in the Law School, and, in addition to the admission requirements to a Junior College, have satisfied one of the following requirements:

- a) Students who have pursued all their college work*

in the University must complete the courses prescribed for the college in which they are registered.

b) Students admitted to the University with less than eighteen Majors (two years) of credit from other colleges must make up the deficiency below eighteen Majors by taking prescribed college work for which they have not credit; above eighteen Majors, pre-legal

*By special permission of the Dean admission may be granted to students who have credit for but twenty-four Majors, but such students must make up the deficiency before obtaining an academic degree from the University. Such permission will ordinarily be granted only in the Autumn Quarter to enable students to take advantage of courses beginning then. (See "The Quarter System," p. 88, below.)

†Such a degree from any other institution, if representing twenty-seven Majors of work, will be accepted.

courses may be taken to satisfy any further deficiencies in prescribed work, except English.

c) Students admitted to the University with at least eighteen Majors (two years) of credit from other colleges are required to complete only enough college work to give them altogether twenty-seven Majors, and may take pre-legal courses to satisfy any deficiencies in prescribed work, except English.

If a student has deviated more than three Majors from a regular course of study required at the college from which he comes, the relief from prescribed work permitted to him under b) and c) above will be diminished by the amount of such deviation in excess of three Majors. Pre-legal courses may be taken or substituted to satisfy this extra deficiency.

Students already holding such degrees from other colleges may obtain an academic degree from the University upon satisfying the above requirements, but such students may not receive both an academic and a law degree with less than six Quarters of residence in the University.

The degree of Doctor of Law (J.D.) is conferred upon candidates therefor who are college graduates and have completed the three-year professional course.

The degree of Bachelor of Laws (LL.B) is conferred upon candidates therefor who have completed the professional course with a high average standing.

To obtain either of the professional degrees it is necessary to complete twenty-seven Majors of law work, distributed over nine Quarters of law school residence, of which at least nine Majors of work and three Quarters of residence (including the last Quarter for which credit is given) must have been at this School. The work of the first year and the Practice courses are required.

Candidates for either of the professional degrees who complete the course with high distinction will receive the degree *cum laude*.

No professional degree will be conferred upon any student markedly deficient in English, and no student may receive both an academic and a professional degree in the same Quarter.

FEES

1. *Matriculation fee*.—A matriculation fee of \$5 is required of every student entering the University for the first time.

2. *Tuition fee*.—The tuition fee in the Law School is \$50 a Quarter (\$25 a Term) for regular work (three Majors). Students who take half work or less, pay half fees, and receive residence-credit *pro rata*. With the consent of the Dean, Law students may take extra work in the Law School or in any department of the University without extra charge.

Students not registered in the Law School pay \$5 a Major extra for each law course taken, except *required* law courses taken by fourth-year students registered in the College of Commerce and Administration, and

law courses offered by members of the Department of Political Science as part of the work of that Department. Undergraduate students not registered in the Law School must pay \$20 for each Major law course taken as *extra work*.

For the pre-legal course the tuition fee is \$40 a Quarter for regular work. For *extra work* \$15 a Major is charged.

3. *Diploma fee*.—The charge for the diploma of the University is \$10.

4. *Payment of bills*.—All tuition fees are due and payable *on or before the first day of each Quarter* to the REGISTRAR, Cobb Lecture Hall, Room A7.

SCHOLARSHIPS

A small number of scholarships, each yielding a portion of the tuition fees for an academic year (three Quarters), are awarded annually to meritorious members of the Law School needing such assistance, in return for service in the Law Library. A preference is given to students of high rank. Scholarships for the Summer Quarter only are awarded separately upon

similar terms. All applications for scholarships for the Summer Quarter and for the succeeding year, accompanied by statements regarding the age, education, occupation, scholarship, and other qualifications of the applicant, should be made in writing to the Dean before June 1.

REGULATIONS

Law students who are candidates for an academic degree from the University must conform to the general rules and regulations governing Senior College students. A number of these rules are waived in the

case of students already holding college degrees representing twenty-seven Majors of work.

In any one Quarter first-year students may not register for more than three Majors, nor other stu-

dents for more than three and one-half Majors of work, without the consent of the Dean.

Students may not take examinations (except to remove conditions) in more than ten and one-half Majors of resident work in any three consecutive Quarters.

The work of the first year and the Practice courses are required. The second and third-year courses are elective and need not be taken in any fixed order.

To obtain credit toward a law degree for any work done in the School students must pass the regular examinations, which are by printed questions to be answered in writing. Examinations in courses continuing more than one Quarter will be held only at the completion of the course. *No special examinations will be given*, nor will partial credit be allowed

for any uncompleted course, or for one in which the student has not passed in the examination. Additional examinations in *first-year subjects only* will be held the last week in September for admission to advanced standing and for the removal of conditions. *Application for admission to these examinations should be made not later than September 15.* Other conditions may be removed or advanced standing obtained at the regular examinations. Students who pass below a certain grade in a course must take it again before re-examination.

Regular attendance at class exercises is required as a condition of receiving credit for work done, and the privilege of membership in the School may be withdrawn for unsatisfactory work or attendance.

GENERAL INFORMATION

THE QUARTER SYSTEM

The system prevailing in the University of dividing the work into Quarters is adopted in the Law School. The Quarters are designated as the Summer, Autumn, Winter, and Spring Quarters, beginning respectively in 1906-7 on June 16, October 1, January 2, and April 1. Each Quarter is eleven to twelve weeks long, and is divided into two Terms. A recess of about one week occurs between the end of each Quarter and the beginning of the next, except that there is no recess between the end of the Spring and the beginning of the Summer Quarter, and that there is a recess during September at the end of the Summer Quarter. Any three Quarters count as an academic year, and it is thus possible to complete the three-year law course in two and one-fourth calendar years.

The work in the Law School is so arranged that it is very much better for beginning first-year students to enter at the opening of the Summer or Autumn Quarter than at any other time. The beginning courses given then are not repeated later, and, while it is possible for such students to enter in the Winter, they are sometimes unable then to obtain full work for which they are prepared. Senior College students should plan their work to enter the Law School in June or October. Students admitted to advanced standing

may usually enter without difficulty in the middle of the Summer or Winter Quarters, or at the beginning of any Quarter. No courses begin in the middle of the Autumn or Spring Quarters.

ROUTINE OF ENTRANCE

Applications and correspondence should be addressed to JAMES P. HALL, Dean of the Law School, University of Chicago, Chicago, Ill. A student from another institution should present his diploma; or, if he does not hold a degree equivalent to three years of college work in the University, he should bring a detailed statement of his work. Blank forms for such statements will be sent upon application. All credentials should be presented at the office of the Dean. In cases of doubt, correspondence is invited upon these matters before the student presents himself for admission. Directions for matriculation and registration will be furnished in the Dean's office.

OTHER INFORMATION

For information regarding Majors and Minors; regarding rooms, board, expenses, and opportunities to students for self-help; and regarding University privileges and other general matters, see this *Register*, pp. 51 and 69.

THE COLLEGE OF COMMERCE AND ADMINISTRATION

THE FACULTY

HARRY PRATT JUDSON, A.M., LL.D., *Acting President of the University; Professor of Comparative Politics and Diplomacy, and Head of the Department of Political Science.*

FRANCIS WAYLAND SHEPARDSON, A.M., PH.D., *Dean of the College of Commerce and Administration; Associate Professor of American History.*

BENJAMIN TERRY, PH.D., *Professor of Mediæval and English History.*

ROLLIN D. SALISBURY, A.M., *Professor of Geographic Geology, and Head of the Department of Geography.*

ERNST FREUND, J.U.D., PH.D., *Professor of Law.*

WILLIAM ISAAC THOMAS, PH.D., *Associate Professor of Sociology.*

JOHN PAUL GOODE, PH.D., *Assistant Professor of Geography.*

JOHN CUMMINGS, PH.D., *Assistant Professor of Political Economy.*

CHARLES EDWARD MERRIAM, PH.D., *Assistant Professor of Political Science.*

HERBERT JOSEPH DAVENPORT, PH.D., *Assistant Professor of Political Economy.*

SOPHONISBA PRESTON BRECKINRIDGE, PH.D., J.D., *Instructor in Household Administration.*

ROBERT MORRIS, A.B., LL.B., *Instructor in Political Economy.*

ORGANIZATION

The College of Commerce and Administration has been created to provide professional training for the practical work of business in various branches. It is governed by a special Faculty, composed of all those giving instruction in the College, subject to the general control of the Senate, and it has a separate Dean as

administrative officer. Students are subject to the regulations of the Faculty of Commerce and Administration, and they will be enrolled in this College as candidates for the degree of Ph.B. Higher degrees will be given for additional work accomplished after the Bachelor's degree has been obtained.

PURPOSE

This College was organized in response to the growing demand for courses within the University which should fit men for careers in the practical professions of Banking, Transportation, Trade and Industry, and Journalism, by training them to think in the problems which must arise in those occupations. This work, however, should be distinguished from the technical work of the office or shop, which must always be obtained in actual business. Yet the youths who intend to go from the high school directly into the counting-room or the shop are advised that they will be better business men if they receive thorough training in the principles which underlie their respective occupations. The purely technical courses of mechanics and engi-

neering given in schools of technology will here be supplemented by those bearing on the economic, financial, and political sides of their professions. Work of this broader character will better enable students to assume positions of leadership and responsibility; and after this training the students should more easily acquire the routine technicalities of business than those whose minds have not been made flexible and acute. The students may expect to obtain from their courses of study much the same general results as are gained from the ordinary undergraduate electives, while at the end they will be better qualified for direct participation in one of the active careers of Commerce and Administration.

CURRICULUM

The work of the College of Commerce and Administration is on the same plane as that of the other undergraduate Colleges of the University. The entrance requirements and the amount of work required for the Bachelor's degree (four years) are the same. In accordance with the general organization of the University, the first two years of College work consti-

tute the Junior College of Philosophy, on the completion of which a certificate and the title of Associate are given and the student enters the Senior College of Commerce and Administration. In each College eighteen Majors are required, those of the Senior College being classified in special groups.

THE WORK OF THE JUNIOR COLLEGE

The eighteen Majors of the Junior College include the following courses which are required of all students:

	Majors
Political Economy (Courses 1 and 2)	2
Commercial Geography	1
English (Courses 1 and 3)	2
Mathematics or Science	2

They also include the following courses which are required if the equivalent was not offered for admission.

	Majors
Civil Government in the United States	1
History (3½ preparatory units, or)	7
Latin, French, or German (3½ preparatory units, or)	7
Science (1½ preparatory units, or)	3

The remainder of the work of the Junior College is elective. Public speaking is required two hours a week during two Quarters. Physical Culture is required four half hours a week during six Quarters.

THE WORK OF THE SENIOR COLLEGE

The work of the Senior College consists of eighteen Majors. On entering this College, the student will elect, with the advice and consent of the Dean, one of four groups into which the work is divided. These groups are (a) Banking, (b) Transportation, (c) Trade and Industry, (d) Journalism.

Physical Culture is also required for four Quarters.

A preliminary training in Bookkeeping is required of all students taking work in accounting. Those who are without this preparation will take the course in Principles and Practice of Bookkeeping given by the Department of Mathematics. This course does not count as one of the Majors necessary for graduation.

The courses offered in each of the groups are as follows:

a) Banking—Recommended:	Majors
Economic History	1
Law of Contracts	2
Modern Business Methods	1
Accounting	2
Money	2
Theory of Banking	1
Practical Banking	1
Financial History of the United States	1
Commercial Crises	1
Finance	1
Railway Transportation	1
Trusts	1
Law of Bills and Notes	1½

Equivalent Majors may be elected with the approval of the Dean.

b) Transportation—Recommended:	Majors
Economic History	1
Law of Contracts	2
Modern Business Methods	1
Accounting	2
Railway Transportation	1
Comparative Railway Legislation	1
Railway Rates	1
Government Ownership	2
Tariffs, Reciprocity, and Shipping	1
American Agriculture	1
Trusts	1
Labor and Capital	2
Finance	1
Economic Geography of North America	1
Law of Public Service Companies and Carriers	1

Equivalent Majors may be elected with the approval of the Dean.

c) Trade and Industry—Recommended:	Majors
Economic History	1
Law of Contracts	2
Modern Business Methods	1
Accounting	2
Modern Industries	1
Tariffs, Reciprocity, and Shipping	1
Money	2
Theory of Banking	1
Labor and Capital	2
Economics of Workingmen	1
Trades-Unions	1
The Industrial Revolution	1
Railway Transportation	1
Finance	1
Economic Geography of North America	1

Equivalent Majors may be elected with the approval of the Dean.

d) Journalism—Recommended:	Majors
History of Europe in Nineteenth Century	1
Constitutional History of England	2
Introduction to the Study of Society	1
Municipal Government	1
Development and Organization of the Press	1
English	3
Elective	9

The nine elective Majors in Group (d) are to be selected with the approval of the Dean.

MINOR GROUPS

Two Minor groups, in Accounting and Insurance, have been established. It is planned to increase the number of courses in these groups, but at present the following are offered:

In Insurance—	Majors
Economics of Insurance	1
Mathematics of Insurance	1
Law of Insurance	1

In Accounting—	Majors
Principles and Practice of Bookkeeping (without credit)	
Principles of Accounting	1
Problems of Advanced Accounting	1

Students desiring to specialize in these lines will arrange with the Dean as to the other work to be taken in order to obtain a degree.

THE COLLEGE OF RELIGIOUS AND SOCIAL SCIENCE

I. INTRODUCTORY

ORGANIZATION AND FACULTY

The College of Religious and Social Science was established by the Trustees of the University of Chicago co-ordinate with the (undergraduate) College of Arts and Literature, the College of Science, and the College of Commerce and Administration. It is under the general supervision of the Faculty of the Divinity School. Courses are given by members of various Departments of the University named below. The Deans

of the Divinity School are to be consulted by all students of the College prior to their registration. The work in the College leads to the degree of Ph.B., and all students are subject to the general regulations of the University governing candidacy for such a degree. Graduate students who are registered in the Graduate Divinity School may become candidates for D.B., A.M., or Ph.D. degrees.

PURPOSE

The College is intended for the following classes of students:

1. Students preparing to be Y. M. C. A. secretaries, or to fill other like positions.

2. Students preparing for the work of medical missionaries, it being presumed that such students will pursue first a course in this College and then a medical course.

3. Students preparing for the Christian ministry who, by reason of age or other circumstances, cannot afford the time for a separate college and Divinity course.

4. Students preparing for various forms of philanthropic work, such as secretaryships of bureaus of associated charities, chaplaincies or teaching positions in correctional institutions, work as city missionaries, etc.

CURRICULUM

The work of the College of Religious and Social Science is on the same plane as that of the other undergraduate Colleges of the University. The entrance requirements are equivalent, and the amount of work required for a Bachelor's degree (four years) is the same. In accordance with the general organization of the University, the first two years of the College of Religious and Social Science constitute the Junior College, on the completion of which a certificate and the title of Associate are given and the student enters the Senior College. In each College eighteen Majors are required.

The curriculum of the School is arranged, as far as

possible, to accommodate the different classes of students who may be enrolled in its courses. The main difference lies between students who are planning to enter the ministry and those who are intending to enter general religious or philanthropic work. As will appear below, the student makes his selection between the two general curricula in accordance with the general field of work for which he is preparing.

In connection with the Social Science Center at the University College, lectures will be given by specialists in social work. Credit will be given in accordance with the University regulations governing such work.

II. ADMISSION

Admission to the College of Religious and Social Science as a regular student requires the completion of four years' preparatory work in a secondary school (high school or academy), of high grade. It is subject to the same regulations as apply to candidates for the degree of Ph.B. in other Colleges of the University.

The courses offered in the College are also open to unclassified students—that is, undergraduate students not seeking a degree—who are not less than twenty-one years of age, and who satisfy the Dean and the instructor concerned as to their fitness for the work and who give sufficient reason for not entering as regular students.

III. CURRICULUM

1. In the Junior College the student may elect between the two following curricula:

JUNIOR COLLEGE	
I	II
FOR STUDENTS NOT INTENDING TO ENTER THE MINISTRY	FOR STUDENTS INTENDING TO ENTER THE MINISTRY
Political Economy 1 and 2 2	Political Economy 1 and 2 2
Political Science 1 1	Greek 0 (2 Mj) or elective 2
History 1, 2, and 3 3	History 1 and 2 2
I	II
Sociology 71 1	Sociology 71 1
Romance 1, 2, and 4, or } 3	Old Testament 1 (2Mj), 2, or } 3
German 1, 2, and 3 3	New Testament 1, 4, 23 3
English 1, 3, and 40 3	English 1, 3, and 40 3
Old Testament 80 1	Old Testament 80A, 81 2
New Test. 19 or Old Test. 81 1	New Testament 19 1
Chemistry 1 1	Chemistry 1 1
Zoology 1	Zoology 1
Public Speaking, 1A (elect.) 1	Public Speaking 1A
Physical Culture	Physical Culture
18	18

2. In the Senior College the student may elect between the two following curricula:

SENIOR COLLEGE	
I	II
I. THE STUDENT WILL TAKE THE FOLLOWING COURSES	THE STUDENT WILL TAKE THE FOLLOWING COURSES
Psychology 1 1	Psychology 1 1
Philosophy 2 (Ethics) 1	Philosophy 2 (Ethics) 1
Old Testament 84 and } 2	Systematic Theology 2, 4. 2
New Testament 63, or 68 } 2	Church History 1, 3, 4 3
Sociology 53, 61, 64 3	Homiletics 2, 4, 6 and } 3
II. IN ADDITION HE WILL ELECT 11 MAJORS FROM THE FOLLOWING	Ecclesiastical Sociology } 4
Physiology 1.	83, or
Philosophy 60 or 65.	Ecclesiastical Sociology
Sociology 30, 79, 69, 63, 73.	100 and 3 Majors in Ped-
Old Testament 81 and 82.	agogy to be determined
New Testament 2 and 3.	after consultation with
Political Economy 40, 41, 44, 25.	the Dean of the School
Education (to be determined after consultation with the Dean of the School of Education).	of Education.
History 83, 16, 17, 18, 69, 70, 79.	Bible (English, Greek, or Hebrew) 3, must include
English 40A, 40B.	Old Testament 82, New Testament 2 and 3, if not taken before 3
	Elective 4

For the detailed description of these required and recommended courses see the curricula of the various Departments in Part III of this Register.

THE COURSES IN MEDICINE AND PREPARATORY TO MEDICINE

OFFICERS OF MEDICAL INSTRUCTION AND ADMINISTRATION*

HARRY PRATT JUDSON, A.M., LL.D., *Acting President of the University; Professor of Comparative Politics and Diplomacy, and Head of the Department of Political Science.*

CHARLES OTIS WHITMAN, Ph.D., LL.D., *Professor and Head of the Department of Zoölogy; Curator of the Zoölogical Museum (Wood's Hall).*

NICHOLAS SENN, M.D., Ph.D., LL.D., *Professor of Surgery.*

SAMUEL WENDELL WILLISTON, M.D., Ph.D., *Professor of Paleontology.*

ALBERT ABRAHAM MICHELSON, Ph.D., Sc.D., LL.D., *Professor and Head of the Department of Physics.*

†HENRY HERBERT DONALDSON, Ph.D., *Professor and Head of the Department of Neurology.*

MARION TALBOT, A.M., LL.D., *Professor of Household Administration; Dean of Women.*

FRANK BILLINGS, S.M., M.D., *Professor of Medicine.*

GEORGE NEIL STEWART, D.Sc., M.D., *Professor and Head of the Department of Physiology.*

LUDVIG HEKTOEN, M.D., *Professor and Head of the Department of Pathology and Bacteriology.*

JOHN ULRIC NEF, Ph.D., *Professor and Head of the Department of Chemistry.*

ALEXANDER SMITH, Ph.D., *Professor and Director of General and Physical Chemistry; Dean in the Junior Colleges.*

JULIUS STIEGLITZ, Ph.D., *Professor of Chemistry.*

ALBERT PRESCOTT MATHEWS, Ph.D., *Professor of Physiological Chemistry (Wood's Hall).*

JAMES NEVINS HYDE, A.M., M.D., *Professorial Lecturer on Skin, Genito-Urinary, and Venereal Diseases.*

EPHRAIM FLETCHER INGALS, A.M., M.D., *Professorial Lecturer on Medicine.*

WALTER STANLEY HAINES, A.M., M.D., *Professorial Lecturer on Toxicology.*

JOHN MILTON DODSON, A.M., M.D., *Professorial Lecturer on Medicine; Dean of Medical Students.*

ARTHUR DEAN BEVAN, M.D., *Professorial Lecturer on Surgery.*

JOHN CLARENCE WEBSTER, M.D., F.R.C.P. (Edin.), *Professorial Lecturer on Obstetrics and Gynecology.*

EDWIN OAKES JORDAN, Ph.D., *Associate Professor of Bacteriology.*

ROBERT RUSSELL BENSLEY, A.B., M.B., *Associate Professor of Anatomy.*

FRANK RATTRAY LILLIE, Ph.D., *Associate Professor of Embryology; Assistant Curator of the Zoölogical Museum (Wood's Hall).*

DAVID JUDSON LINGLE, Ph.D., *Assistant Professor of Physiology.*

JOHN GORDON WILSON, A.M., M.B., *Assistant Professor of Anatomy.*

CHARLES MANNING CHILD, Ph.D., *Assistant Professor of Zoölogy.*

HERBERT NEWBY McCOY, Ph.D., *Assistant Professor of Physical Chemistry.*

HARRY GIDEON WELLS, M.D., Ph.D., *Assistant Professor of Pathology; Dean in Medical Work.*

PRESTON KYES, A.M., M.D., *Assistant Professor of Experimental Pathology.*

ANTON JULIUS CARLSON, Ph.D., *Assistant Professor of Physiology.*

BROWN PUSEY, M.D., *Instructor in Pathology of the Eye.*

LAUDER WILLIAM JONES, Ph.D., *Instructor in Analytical Chemistry.*

GEORGE ELMER SHAMBAUGH, M.D., *Instructor in Anatomy of Ear, Nose, and Throat.*

HOWARD TAYLOR RICKETTS, A.B., M.D., *Instructor in Pathology.*

DANIEL GRAISBERRY REVELL, A.B., M.B., *Instructor in Anatomy.*

NORMAN MACLEOD HARRIS, M.B., *Instructor in Bacteriology.*

BASIL C. L. HARVEY, A.B., M.B., *Instructor in Anatomy.*

THOMAS BRUCE FREAS, A.B., *Curator in Chemistry.*

*The names, with the exception of that of the President, are arranged in the order of collegiate seniority.

† Resigned.

JOHN CHARLES HESSLER, Ph.D., *Instructor in Chemistry.*
 CHARLES CLAUDE GUTHRIE, S.B., M.D., *Instructor in Physiology.*
 WILLIAM LAWRENCE TOWER, S.B., *Instructor in Embryology.*

*SAMUEL ALEXANDER MATTHEWS, M.D., *Associate in Physiology.*
 WILLIS BOIT HOLMES, A.B., *Associate in Chemistry.*
 REUBEN MYRON STRONG, Ph.D., *Associate in Zoölogy.*
 ALBERT WOELFEL, M.D., *Assistant in Physiology.*
 THOR ROTHSTEIN, A.B., M.D., *Research Assistant in Neuro-Pathology.*
 ELIZABETH HOPKINS DUNN, M.D., *Research Assistant in Neurology.*
 MARY HEFFERAN, Ph.D., *Assistant and Curator of the Bacteriological Museum.*
 OSCAR ECKSTEIN, Sc.D., *Research Assistant in Chemistry.*
 SHINKISHI HATAI, Ph.D., *Assistant in Neurology.*
 HUGH McGUIGAN, S.B., *Assistant in Physiological Chemistry.*
 THOMAS MATHESON WILSON, S.M., *Assistant in Physiology.*
 ELLIOT SNELL HALL, Ph.D., *Research Assistant in Chemistry.*
 KATASHI TAKAHASHI, *Technical Assistant in Neurology.*
 HENRY HIGGINS LANE, A.M., *Laboratory Assistant in Zoölogy.*
 FRANK EUGENE LUTZ, A.M., *Assistant in Zoölogy.*
 OSCAR RIDDLE, A.B., *Laboratory Assistant in Zoölogy.*
 VICTOR ERNEST SHELFORD, A.B., *Laboratory Assistant in Zoölogy.*
 EDITH ETHEL BARNARD, S.B., *Assistant in Quantitative Analysis.*
 SAMUEL HENRY AYERS, S.B., *Assistant in Bacteriology.*
 JAMES WRIGHT LAWRIE, S.B., *Lecture Assistant in Chemistry.*
 WILLIAM IRVING, *Mechanical Assistant in Physiology.*
 WILFRED HAMILTON MANWARING, M.D., *Assistant in Pathology (Summer Quarter, 1906).*

FELLOWS APPOINTED FOR 1906-7

(In the Medical Departments)

ROBERT LOUIS BENSON, A.M., Pathology.	FRANK HENRY PIKE, A.B., Physiology.
MARY BLOUNT, S.B., Zoölogy.	STEPHEN WALTER RANSOM, S.B., Neurology.
RUSH LESLIE BURNS, S.B., Physiology.	CHARLES ALBERT SHULL, S.B., Zoölogy.
EMIL GOETTSCH, S.B., Anatomy.	THOMAS CALDERWOOD STEPHENS, A.B., Zoölogy.
PAUL GUSTAV HEINEMANN, S.B., Bacteriology.	JOHN SUNDWALL, Ph.B., Anatomy.
EDWIN GARVEY KIRK, S.B., Anatomy.	BENJAMIN TAYLOR TERRY, A.B., Pathology.
JOSEPH EDGAR TYREE, A.B., Pathology.	

INTRODUCTORY STATEMENT

For several years the University of Chicago has offered courses suitable for students who were preparing to undertake medical work, and also in several of the subjects usually included in the first two years of a medical college curriculum. In 1899 provision was made for courses in Practical Anatomy, and under the arrangement of affiliation with Rush Medical College, the University offered, during the session of 1899-1900, courses corresponding to all of the work of the Freshman year of that institution. Since June 19, 1901, the University offers instruction in all of the subjects of the first two years of the medical curriculum; namely, in Anatomy, both gross and microscopic, Neurology, Embryology, Physiology, Physiological Chemistry, Inorganic, Organic, and Analytical Chemistry, Toxicology, Pathology, Bacteriology, and Pharmacology. The student who has completed this work will be prepared to enter directly upon the clinical work, that is to say, the work of the third and fourth years of the medical school. All of the work of the first two years of Rush Medical

* Resigned.

College is offered at the University only. Students taking this work at the University will matriculate and register as students of Rush Medical College and likewise as students of the University. There will be no extra fee for such registration at the College.

Students are admitted to the medical course who comply with the requirements for admission to the Junior Colleges of the University of Chicago, corresponding to the requirements for admission to the Freshman year of an institution of equal rank, and have had, in addition, two years (eighteen Majors) of college work. This preparation should include a thorough course in Mathematics, in German or French, and in the sciences of Physics, Chemistry, and Biology.

Attention is called to the fact that courses are offered in the Departments of Arts, Literature, and Science of the University, in all the branches of a liberal education, and a medical student may take work in these branches by attendance during additional Quarters or to a limited extent by extra work during his attendance upon the medical course. Students desiring to take work of this character should consult with the Dean of Medical Students. Students having completed not less than eighteen Majors of University work, corresponding to the Freshman and Sophomore years of a high-grade university or college, and having acquired a good knowledge of Physics, Chemistry, and Biology, and a reading knowledge of French or German, will be allowed to elect their work in the medical branches, subject to the restrictions imposed and to the approval of the Dean. (See p. 100.) Students of this class who have not completed the work for the Bachelor's degree may apply their credits in medical courses as Senior College electives for a Bachelor's degree. (See pp. 95, 100, 101, 102.) Not only is the medical work elective for students who are thus prepared, but the courses are so arranged that their attention may be concentrated upon a single subject, or upon allied subjects.

The teaching of the fundamental medical branches in an institution of general learning is believed to constitute a distinct step in advance in medical education. The student pursuing these studies in the atmosphere of an institution devoted to purely scientific work, under the instruction of men whose time is wholly devoted to teaching and investigation along their respective lines cannot but gain a broader and more thorough conception of these sciences. Such a training will not only afford a better preparation for the clinical courses of the medical college and for the practice of medicine and surgery, but will also enable the student to follow more easily in paths along which medical advances promise to be made, and to apply these new discoveries in his daily work.

LABORATORIES, EQUIPMENT, AND LIBRARIES

The medical instruction is given in the Anatomical, Physiological, and Zoological Laboratories, and in Kent Chemical Laboratory. For a description of these laboratories and their equipment, and for information concerning the General Library and the Departmental Libraries, see General Index of this *Register*.

ADMISSION TO THE MEDICAL COURSE

GENERAL REGULATIONS

Students are admitted to the Medical Courses either as (1) *Medical Students*, or (2) *Undergraduate Students* (candidates for a Bachelor's degree, S.B., A.B., or Ph.B.). (3) *Graduates* of the University of Chicago, or of other universities or colleges of good standing, are admitted to the Medical Course as Medical Students; they are allowed all the privileges of the members of the Graduate Schools of the University. (4) In addition to students in regular standing, provision is made for the admission to the University of undergraduate students not seeking degrees. Such

students are known as *Unclassified Students*. They may register for medical subjects, but they are not candidates for the M.D. degree until they have fulfilled the requirements for admission.

1. Admission as a Medical Student.

- a) Each student must present to the Faculty certificates of good moral character, signed by at least two physicians of good standing in the state in which the applicant last resided.
- b) He must be able to comply with the requirements for admission to the medical courses of

the University of Chicago (see p. 16). In brief, they consist of a four-year high-school course plus two years of college work, which must have included College Physics, General Chemistry, and Biology, and a reading knowledge of German or French.

- c) He will matriculate and register as a student of Rush Medical College as well as of the University at the beginning of his course. Such matriculation and registration is accomplished at the University without extra fee.

2. Admission as an Undergraduate Student (as a candidate for a Bachelor's degree).

- a) The first two years' work in Medicine may be taken as the third and fourth years of the Bachelor of Science course upon fulfillment of certain requirements for the degree (see p. 102).

A very considerable part of the first two years' work in Medicine may also be taken during the third and fourth years of the Bachelor of Arts or the Bachelor of Philosophy courses (see p. 102).

Students who wish to enter college and prepare to take the medical work as part of their Baccalaureate course may enter at the beginning of the Junior College Course (first college year or at any further stage of advancement).*

- b) Each student must present to the Faculty certificates of good moral character signed by at least two physicians of good standing in the state in which the applicant last resided.
- c) In order to comply with the rules of the Medical Examining Boards of several states, a student will matriculate with the Dean of Rush Medical College (at the University) at the beginning of his work in Medicine. He will consult with the Dean of Medical Students each Quarter in regard to his work, and take a card of advice to the Dean of the Senior Colleges, with whom the student will continue to register until he receives a Bachelor's degree. *Credit will not be given toward the M.D. degree unless the student complies with this regulation.*

REQUIREMENTS FOR ADMISSION TO THE MEDICAL COURSES†

These comprise (a) the successful completion of a four-year high-school or academy course, qualifying the student to enter the Junior College (Freshman

3. Admission as a Graduate Student.

- a) Admission to the Graduate Schools of the University is granted (1) to those who have been graduated from the Colleges of the University of Chicago with the degree A.B., Ph.B., or S.B.; (2) to those holding Baccalaureate degrees from other institutions of good standing.
- b) Applications for admission in the case of students not graduates of the University should be accompanied by testimonials as to character and scholarship. Such testimonials should take the form of diplomas, written or printed theses, or satisfactory evidence in some other form of the student's fitness for admission.
- c) A Graduate Student taking the Medical Course must comply with 1a) and 1c). He will consult each Quarter with the Dean of Medical Students, and will take a card of advice from him to the Dean of the Graduate School, with whom the student will register. *Credit will not be given toward the M.D. degree unless the student complies with this regulation.*

4. Unclassified Students.

- a) Candidates for admission to the University as *Unclassified Students* (1) must be at least twenty-one years of age; (2) must show good reason for not entering upon a regular course; (3) *must take the entrance examinations of the Departments in which they wish to work*; (4) must satisfy the Dean and the particular instructors under whom they desire to study that they are prepared to carry the courses elected.

Unclassified students conform to all regulations of the University, and having been admitted, their continuance depends on the maintenance of a satisfactory standing.

Note.—Students entering the University for the first time should make it a point to complete all arrangements for entrance, either by correspondence or in person, at least two days before the opening of the Quarter.

class) of the University of Chicago, and (b) 18 Majors (= 6 Quarters) of the usual college course, or a full equivalent therefor.

* A student desiring to enter the course as a candidate for the S.B., A.B. or Ph.B. degree is requested to consult pp. 59, 60, 61, 62, of this *Register*, where a complete statement is given of the requirements for the college degrees and of the conditions for admission to advanced standing in the Colleges. He is also invited to enter into correspondence upon the subject with the Dean of the Senior Colleges, the University of Chicago, Chicago, Ill.

† A complete and more detailed statement of the requirements and the ground covered by each subject will be sent to any principal, teacher, or student on application to the Dean of Medical Students.

A. HIGH-SCHOOL WORK REQUIRED FOR ADMISSION

The high-school course must have included at least 3* units of Latin (Cæsar and Elementary Grammar); or of some language other than English. 3 units of English (Rhetoric, Composition, and Literature); 2½ units of Mathematics (Algebra through Quadratics and Plane Geometry); and 6½ units in any of the other studies usually included in a high-school curriculum. A diploma is not accepted as sufficient evidence of such preparation, but specific statement is required as to the amount and character of the work in each branch of study. *Blanks are furnished by the University for the presentation of such credits, and will be mailed on application to the Dean of Medical Students.*

Such credits are accepted without examination from affiliated or co-operating schools (see list below), also from the accredited schools of certain state universities (see list below). Students from schools not recognized by the University must submit to examination in the branches required.

1. *Times and places of examinations.*—Examinations for admission are held three times a year at the University. (For dates see the Calendar, p. II.)

2. *Fee for examination for admission.*—A fee of \$5 is charged for examination for admission. This is paid when the first examination is taken. The same fee is paid by students entering upon certificate from co-operating schools.

3. *Students from Morgan Park Academy, the University High School* (the South Side Academy and the Chicago Manual Training School combined), *and the Affiliated and Co-operating Schools* are admitted to the University upon presentation of a *subject certificate* covering each of the subjects stated above as required for admission.

4. *Accredited Schools of certain State Universities.*—For the year beginning June 17, 1908, credits from the following schools, in addition to the foregoing list, will be accepted for admission to the *Medical Course* of the University: four-year high schools and

academies on the accredited lists of the following universities: the University of Wisconsin, the University of Michigan, the University of Minnesota, the University of Iowa, the University of Illinois, the University of Nebraska, the University of Kansas, the University of Indiana, and the University of Ohio.

B. COLLEGE WORK REQUIRED FOR ADMISSION

For the year beginning June 17, 1908, there will be demanded, in addition to the requirements for admission to the Junior College (Freshman class), *eighteen Majors* of college work, six of which must have been in branches which especially prepare one for the study of Medicine (see pp. 100, 101 of this *Register* for the two-year course of college studies recommended for this purpose). Three Majors of College Chemistry (or two Majors in addition to one year of high-school Chemistry), one Major of Organic Chemistry and two Majors of college Physics, a thorough course in elementary Biology (each of the foregoing subjects with laboratory work), and three Majors of Latin (Cæsar and Elementary Prose), unless 2 units of Latin have been taken in high school, must have been taken, and the student must possess a reading knowledge of German or of French. This preparation may be accomplished at the University of Chicago in six Quarters. A student may be admitted to the Medical Courses conditioned in not more than six Majors of college work, but all of the required high-school work must have been completed.

Attention is called to the fact that the extra credits which will be required in addition to high-school work may be secured in the Colleges of Arts, Literature, and Science of the University of Chicago by attendance during extra Quarters before entering the medical course, or, in small part, by taking extra work in these Colleges during the student's attendance upon the medical course. A student may qualify for admission to the medical course by prolonging his attendance or taking extra work in the University. Credit will be accepted for such work in any other college or university of equal standing.

ADMISSION TO ADVANCED STANDING IN THE MEDICAL COURSE

Students are admitted to advanced standing in the Medical Course of the University as follows:

Students from other medical schools whose standards are fully equivalent to those of this institution may receive credit for time spent—estimated in

months—and for work successfully completed in such institutions, provided it is equivalent to corresponding work in the medical course in the University. Such a student should give an explicit statement in regard to his preliminary education before beginning the

* A unit corresponds to a daily recitation throughout the school year of thirty-six weeks.

study of Medicine, the date of beginning and ending of each session attended in a medical college, together with the name of the college and a statement of the studies which he has successfully completed, this latter statement setting forth, if possible, the exact number of hours given to each subject. The credit claimed in each branch must be passed upon by the

Dean of Medical Students or by the head of the corresponding Department at the University.

Application blanks.—Blanks for presenting these credits will be furnished on application to the Dean of Medical Students. A student may matriculate at any time in person, or by correspondence.

GENERAL INFORMATION

ROUTINE OF ENTRANCE

Applications should be addressed to THE UNIVERSITY OF CHICAGO, Chicago, Ill. When presenting himself for admission to the University, the student should bring his *admission credits* (see p. 96), if he is entering the Medical Course at its beginning; his *letter of dismissal* and an official statement concerning his previous work, if he is entering with advanced

standing from another institution; and his *diploma*, if he is applying for admission to a Graduate School.

These documents should be presented at the office of the Dean of Medical Students, Room 13, Physiology Building. Detailed directions will be furnished in the Dean's office as to the mode of matriculating and registering for courses of instruction desired.

FEEES FOR MATRICULATION, TUITION, DEPOSITS, AND APPARATUS

1. *Matriculation fee.*

- a) The matriculation fee is \$5, and is required of every student on entrance to the University. It is payable but once.
- b) A medical student will also matriculate as a student of Rush Medical College. No extra fee is charged, and the matriculation is good for the complete medical course, including the clinical years.
- c) An undergraduate student, candidate for a bachelor's degree, who wishes to take the medical course as a part of the work for the Bachelor's degree will matriculate also as a student of Rush Medical College at the beginning of the first year of his work in the medical course (see p. 96, 2 c). No extra fee is charged, and the matriculation is good for the complete medical course, including the clinical years.

NOTE.—Matriculation for Rush Medical College can be accomplished at the University through the Dean of Medical Students.

2. *Tuition fee.*

- a) The tuition fee for the medical courses (3 to 3½ Majors each Quarter) is \$80 per Quarter, including all laboratory fees.

Under the medical-practice acts and the rules of the medical examining boards of most of the states of this country, an applicant for a license to practice must have attended at least four annual sessions in a recognized medical school.

Therefore, a student taking the medical courses with a view of procuring the degree of M.D. must matriculate as a *medical student* at least forty-five months before the date of his expected graduation in medicine. From the date of such matriculation he is required to pay the tuition fee for the medical courses, whether he is registered as a Junior College student, a Senior College student, a Graduate student, or as a Medical Course student.

In order that a Graduate student, Senior or Junior College student, may have his work counted toward the M.D. degree, he must be matriculated as a student of Rush Medical College and must each Quarter secure from the Dean of Medical Students a card of advice as to registration, and must present this card to his own Dean on registering with him.

NOTE.—A student who is taking the medical courses with no intention of securing the medical degree, may, if he prefers, pay the usual University fee of \$40 per Quarter, with additional laboratory fees as follows:

In Chemistry and Practical Gross Anatomy, \$5 for a Major course and \$2.50 for a Minor course.

In all Biological Laboratory courses, except Practical Gross Anatomy, \$2.50 for a Major course and \$1.25 for a Minor course.

- b) Students taking two Majors or less will pay \$20 per Major and laboratory fees.

- c) *All tuition and laboratory fees are due and payable on or before the FIRST day of EACH QUARTER. All fees are payable to the Registrar, Cobb Lecture Hall, Room A1.*

Registration is not complete until all University bills are paid. Those who fail to meet this obligation within the first five days of the Quarter are not regarded as members of the University. After the fifth day, to secure membership in the University the consent of the Dean and the payment of a fee of \$5 for late registration will be required.

3. Deposits.

- a) A deposit of \$5 is required from each student to cover the cost of unnecessary damage in the University buildings, and of avoidable loss and breakage in the laboratories. The deposit must be made on entering the University. Deductions will be made from this deposit to cover the cost of articles not returned, or of damage to University property. Each student will be charged for damage or loss for which he is individually responsible, and for his *pro rata* share of damage or loss, the responsibility for which cannot be individually located. The balance will be refunded.
- b) Each student who procures a skeleton from the Osteological Laboratory will deposit \$12 for the same, which sum will be refunded when the skeleton is returned uninjured; he may, however, retain the skeleton, if he so desires, in exchange for the amount deposited.

4. Microscopic and other laboratory apparatus and supplies.

- a) A compound microscope is required for most of the medical courses. Every student is strongly advised to purchase a good microscope, with an immersion lens, in order that he may become familiar with the same instrument which he will use after his graduation. Students not possessing a microscope may rent one from the University Supply Department, at a cost of \$1.50 per Quarter for a compound microscope, and \$1 additional for an immersion lens.
- b) Biological coupon tickets (\$2.50 or \$5) may be procured from the Registrar for the purchase, at the Supply Department, of dissecting instruments, microscope slides, covers, and slide-boxes, chemical apparatus (breakage), and such other appliances as may be required in the laboratory courses.
- c) Students taking courses in Chemistry are required to purchase Chemistry coupon tickets. Unused portions of coupon tickets are refunded.
- d) The necessary textbooks may be purchased at the University Press.
- e) All students taking courses in the Department of Physical Culture are required to provide themselves with a gymnasium suit for use in the gymnasium. The cost of such a suit is about \$4.

ROOMS, BOARD, AND GENERAL EXPENSES

For information concerning rooms, board, and general expenses, see p. 67 of this *Register*.

The following table will furnish an estimate of the annual expenses for thirty six weeks of a medical student in the University, residing within the Quadrangles:

	Lowest	Average	Liberal
University bill, tuition*.....	\$180.00	\$180.00	\$180.00
Rent and care of room.....	60.00	105.00	225.00
Board.....	100.00	128.00	225.00
Laundry.....	15.00	25.00	35.00
Textbooks and stationery.....	10.00	20.00	50.00
	\$365.00	\$456.00	\$715.00

THE QUARTER SYSTEM

The academic year of the University of Chicago and of Rush Medical College is divided into four Quarters. These are designated as the Summer, Autumn, Winter, and Spring Quarters, beginning, respectively, about June 17, and on the first of October, the first of January, and the first of April, each continuing for twelve weeks. A recess of one week occurs between the end of each Quarter and the beginning of the next following, excepting that there is no recess between the end of the Spring and the beginning of the Summer Quarter, and that there is a recess of one month at the close of the Summer Quarter.

THE MEDICAL CURRICULUM AS RELATED TO THE QUARTER SYSTEM

The general course of instruction in Rush Medical College requires four years of study in residence, with a minimum of attendance upon three Quarters of each year. These years are designated as the Freshman, Sophomore, Junior, and Senior years, respectively.

A student may begin his college work on the first day of any Quarter (see, however, p. 100, § 5), and may continue in residence for as many successive Quarters as he desires, and will receive credit for work accomplished. Attendance during all the four

* Medical students attending the first Quarter must pay the matriculation fee of \$5 to the University.

Quarters of the year is optional, but will not secure a time credit of more than one year in a medical school. At least forty-five months must elapse between the date of the first matriculation and the date of graduation. Under the restrictions imposed, this system does not conflict with the existing medical-practice acts, nor with the rulings of the various State Boards of Medical Examiners.

THE SUMMER QUARTER

Attention is directed to the special opportunities afforded for medical study in the Summer Quarter. The climate of Chicago is particularly well adapted to midsummer work. Instruction in all Departments is given in the Summer Quarter.

THE WORK OF THE MEDICAL COURSE FOR THE FRESHMAN AND SOPHOMORE YEARS

1. *Outline of the course.*—The course for the first two years' work in Medicine consists mainly of instruction in the fundamental medical sciences: Human Anatomy, Microscopic Anatomy, Histology, Neurology, and Embryology, Physiology, Physiological Chemistry, Toxicology, Pharmacology, Bacteriology, and Pathology. All of this work is given at the University of Chicago.

2. *Amount of work.*—The amount of work required is 18 Majors. A *Major* (Mj) is the unit of work, and consists of 5 hours per week in classroom throughout one Quarter (12 weeks) or the equivalent amount of laboratory work a week (a total of 60 hours' classroom work or the equivalent amount of laboratory work). Two hours of laboratory work are regarded as the equivalent of one hour of classroom work.

A *Minor* (M) consists of 5 hours a week in classroom throughout one Term (6 weeks) or the equivalent amount in the laboratory (a total of 30 hours of classroom work, or an equivalent amount of laboratory work).

A *Double Major* (DMj) course occupies twice as many hours per week as does a *Major*; a *half Major* course ($\frac{1}{2}$ Mj), one-half the time per week.

3. The curriculum.

a) Except in the case of certain students with special preparation (see below 4), all the work of the medical course is prescribed for those who wish to receive credit for the first two years' work in Medicine. For students entering after June 16, 1905, it consists of the following courses:*

(1) CHEMISTRY (Toxicology): $\frac{1}{2}$ Major (19†)

(2) ANATOMY: $7\frac{1}{2}$ Majors, as follows:

Human Anatomy (Osteology and Dissection), 4 Majors (1, 2, 3, 4, 5, and 6).

Splanchnology, Histology, and Cytology. $1\frac{1}{2}$ Majors (10, 11).

Embryology, 1 Major (Zoology 20 or 21).

Neurology, 1 Major (Neurology 3).

(3) PHYSIOLOGY: $6\frac{1}{2}$ Majors, as follows:

Physiology, $3\frac{1}{2}$ Majors (12, 13, 14).

Physiological Chemistry, $1\frac{1}{2}$ Majors (20).
Pharmacology, $1\frac{1}{2}$ Majors (21).

(4) PATHOLOGY: $3\frac{1}{2}$ Majors, as follows:

Bacteriology, $1\frac{1}{2}$ Majors (1).

Pathology, 2 Majors (2A, 2B).

4. *Election of medical courses.*—Students are permitted to elect the work of the first two years of Medicine provided they have had the following preparation: 18 Majors (approximately two years) of college work in the University of Chicago, or an equivalent amount done in some other university or college of good standing. This work must have included 2 Majors of Physics, 3 Majors of Inorganic Chemistry (or 2 Majors of Inorganic Chemistry in addition to one year of high-school Chemistry), 1 Major of Organic Chemistry, 1 Major of General Biology with laboratory work, and a reading knowledge of German or of French.

In electing his work the student should bear in mind:

- a) That the right of election must be confirmed in writing in advance by the Dean.
- b) That his registration for each Quarter must receive the approval of the Dean.
- c) That the prerequisites for any course must have been satisfied before the course can be elected.
- d) That a minimum amount of work in the several branches is required for graduation in Medicine.

5. *Arrangement of courses.*—The order of courses has been arranged in such a way as to insure for the student beginning his medical studies with any single Quarter of the year, a complete annual course during any three consecutive Quarters; *but students are advised to begin their medical work proper with the Autumn Quarter, if possible.*

* Detailed statements concerning the courses are given below under the various departments of instruction. They should be consulted in every case in regard to equivalent courses which may be submitted for those whose numbers are given in the above table.

† The numbers in parentheses refer to the course numbers in the corresponding Department.

ARRANGEMENT OF COURSES FOR SIX QUARTERS

The following table shows the arrangement of the courses for the six Quarters of work comprised in the first two years of Medicine and the recommended sequence of studies. No student, however, is obliged to follow the order given, or to take full work in any Quarter. Credit will be given for every course satisfactorily completed.

FIRST NINE MAJORS OF WORK
(Freshman year of the Medical Course)
Autumn Quarter, 1906

Subject	Department	Course No.	Value
Splanchnology, Histology, and Cytology.....	Anatomy	10	1 Mj
Dissection (Human).....	Anatomy	1 or 2 and 4 or 5	2 Mj
Osteology (Human).....	Anatomy	6	½ Mj

Winter Quarter, 1907

Subject	Department	Course No.	Value
Splanchnology, Histology, and Cytology.....	Anatomy	11	½ Mj
Dissection (Human).....	Anatomy	1, 2 or 3	1 Mj
Physiological Chemistry.....	Physiology	20	1½ Mj

For other courses given in each Quarter see departmental statements.

Spring Quarter, 1907

Subject	Department	Course No.	Value
Embryology.....	Zoology	20	1 Mj
Physiology.....	Physiology	12	1 Mj
Neurology.....	Neurology	8	1 Mj

SECOND NINE MAJORS OF WORK
(Sophomore year of the Medical Course)
Autumn Quarter, 1906

Subject	Department	Course No.	Value
Bacteriology.....	Pathology	1	1½ Mj
Physiology.....	Physiology	13	1½ Mj

Winter Quarter, 1907

Subject	Department	Course No.	Value
Physiology.....	Physiology	14	1 Mj
Pathology.....	Pathology	2A	1 Mj
Dissection.....	Anatomy	3	1 Mj

Spring Quarter, 1907

Subject	Department	Course No.	Value
Pathology.....	Pathology	2B	1 Mj
Pharmacology.....	Physiology	21	1½ Mj
Chemistry of Medicinal Drugs..	Chemistry	19	½ Mj

FELLOWSHIPS AND SCHOLARSHIPS

The Fellowships and Scholarships of the University are open to medical students on the same conditions as to other students of the University. A complete statement of these conditions, and of the value of the Fellowships and Scholarships, are given on p. 66 of this *Register*.

FELLOWSHIPS, HOSPITAL INTERNES, AND PRIZES

(RUSH MEDICAL COLLEGE)

A detailed statement of the fellowships, internships, and prizes open to students of Rush Medical College

is given in the annual *Circular of Information*, which may be had on application.

COURSES GIVEN IN THE SUMMER QUARTER

In the Summer Quarter, 1906, the following courses for medical and pre-medical students are announced (for further information see the *Quarterly Announcements*, Summer Quarter, 1906, and the departmental statements in this *Register*): General Physics (1A, 2, and 3), General Inorganic Chemistry (1, 2, 1A, 1B, 2A, 2B), General Organic Chemistry (17, 18, 20, 21, 22), Qualitative Analysis (6 and 7), Quantitative Analysis (8 and 9), Bacteriology (1A, 4), Embryology (21), His-

tology, Splanchnology (11A), Osteology (6A), Physiology (13, 15, 21, 43, 44, 51, 1 and 2), Pathology 2, and advanced courses in Physics, Chemistry, Biology, Anatomy, Neurology, and Pathology. Special courses for physicians are given in Anatomy and Pathology.

Supervision of work.—In addition to the regular supervision of the Dean, the grades of medical students are reviewed each Quarter by the Committee on Promotions, representing all the Departments giving

medical instruction of the first two years. If a student's work is poor, the committee may revise or limit his registration, and, if deemed necessary, may request his withdrawal from the medical courses.

Certificate of completion of the first 18 Majors.—On completion of his first two years in Medicine, the work of each student is reviewed by the Committee on Promotions. If his work is considered satisfactory, a certificate of completion of the first 18 Majors of medical studies is issued. If his work is considered

unsatisfactory or doubtful, the committee may require further work in one or more Departments, or subject the student to such examination as may be deemed necessary. *No student is admitted to the Junior class in Rush Medical College without the above-mentioned certificate.* Students with conditions in work of the first two years are sometimes permitted to proceed with their clinical studies, but such permission does not constitute admission to the Junior class.

THE DEGREES OF S.B.,* A.B., AND PH.B.

1. MEDICAL WORK IN THE COURSES FOR THE BACHELOR'S DEGREE

The first two years' work in Medicine consists almost entirely of courses in pure science, which are open as electives to all candidates for a Bachelor's degree at the University, who have had the necessary preliminary work in science.

Full details in reference to these combined courses are given in the annual *Circular of Information* of Rush Medical College, which may be had on application to the Dean of the Medical Courses.†

REQUIREMENTS FOR GRADUATION IN RUSH MEDICAL COLLEGE

(IN AFFILIATION WITH THE UNIVERSITY OF CHICAGO)

The following are the requirements for the degree of Doctor of Medicine:

The candidate must not be less than twenty-one years of age, and must have studied Medicine the legal period. He must have paid all dues, must have complied with all the requirements, and must have maintained unexceptional conduct while at the College.

He must have attended twelve full quarters, or an equivalent amount of time, in a recognized medical school, of which at least the last three quarters must have been in this institution, and forty-five months must have elapsed between the beginning of his first course of medical lectures and the date of his graduation.

He must have completed, successfully, all of the work required, as follows: 18 Majors of work in the Freshman and Sophomore years, comprising a minimum of 6 Majors in Anatomy (from courses offered in the Departments of Anatomy and Neurology and the Subdepartment of Embryology; these courses include both Gross and Microscopic Anatomy‡); 5 Majors in Physiology (from courses offered in the Department of Physiology and the Subdepartment of Physiological Chemistry); 1 Major in Pharmacology; 3 Majors in the Departments of Pathology and Bacteriology; 3

Majors in one or more of these Departments of his choice.

His work for the first two years must be pronounced satisfactory by the Committee on Promotions, when a certificate for the completion of the first 18 Majors of medical work will be issued to him.

Twenty-one Majors of work in the Junior and Senior years, comprising a minimum of 2 Majors in Pharmacy, Materia Medica, Therapeutics and Preventive Medicine; 1 Major in Pathology; 4 Majors in Medicine; 5½ Majors in Surgery, at least 1 Major of which must be in Surgical Anatomy; 3 Majors in Obstetrics and Gynecology, at least 2 Majors of which must be in Obstetrics; 1½ Majors in Diseases of the Chest, Throat, and Nose; 1 Major in Diseases of the Eye and Ear; 1 Major in Skin and Venereal Diseases, at least 4 Majors in each; 2 additional Majors in any branch or branches of his choice.

He must have passed, successfully, a final examination, both written and practical, in (1) Medicine; (2) Surgery; (3) Obstetrics, and (4) one of the following branches, chosen by him: (a) Gynecology; (b) Diseases of the Chest, Throat, and Nose; (c) Ophthalmology and Otology; or (d) Skin and Venereal Diseases.

*The required courses for the S.B. degree are given in bold-faced type; the courses recommended to be chosen as electives are given in common type.

†See also the article in the Medical Number of the *University Record*, May, 1903, which may be had on application.

‡They must include the dissection of the lateral half of the human body.

THE SCHOOL OF EDUCATION

OFFICERS OF ADMINISTRATION

- The Acting President of the University, HARRY PRATT JUDSON, *Haskell Museum*, First Floor, Room 10.
 The University Recorder, ALONZO KETCHAM PARKER, *Haskell Museum*, First Floor, Room 11.
 The Secretary to the President, HENRY PORTER CHANDLER, *Haskell Museum*, First Floor, Room 10.
 The Dean of the College of Education, NATHANIEL BUTLER, Emmons Blaine Hall, Room 100.
 The Dean of the Technological Course of the University High School, HENRY HOLMES BELFIELD, Manual Training Building, Room 162.
 The Dean of the Academic Course of the University High School, WILLIAM BISHOP OWEN, Manual Training Building, Room 164.
 The Dean of Women of the University High School, LUANNA ROBERTSON, Manual Training Building, Room 165.
 The Principal of the University Elementary School, WILBUR SAMUEL JACKMAN, Emmons Blaine Hall, Room 198.

OFFICERS OF INSTRUCTION

THE COLLEGE OF EDUCATION

- HARRY PRATT JUDSON, A.M., LL.D., *Acting President of the University; Professor of Comparative Politics and Diplomacy, and Head of the Department of Political Science; Dean of the Faculties of Arts, Literature, and Science.*
 NATHANIEL BUTLER, A.M., LL.D., *Dean; Professor of Education.*
 WILBUR SAMUEL JACKMAN, A.B., *Principal of the University Elementary School; Professor of the Teaching of Natural Science.*
 WILLIAM BISHOP OWEN, PH.D., *Dean of the Academic Course of the University High School; Associate Professor of Education.*
 GEORGE WILLIAM MYERS, PH.D., *Professor of the Teaching of Mathematics and Astronomy.*
 JAMES H. VAN SICKLE, A.M., *Superintendent of Schools, Baltimore, Md., Lecturer on Education (Summer Quarter, 1906).*
 DANIEL P. MacMILLAN, PH.D., *Director of Child-Study in Chicago Public Schools; Lecturer on Education (Summer Quarter, 1906).*
 EMILY JANE RICE, PH.B., *Associate Professor of the Teaching of History and Literature.*
 MARTHA FLEMING, *Associate Professor of the Teaching of Speech, Oral Reading, and Dramatic Art.*
 ZONIA BABER, S.B., *Associate Professor of the Teaching of Geography and Geology.*
 ADDISON WEBSTER MOORE, PH.D., *Associate Professor of Philosophy.*
 ALICE PELOUBET NORTON, A.M., *Assistant Professor of the Teaching of Home Economics.*
 WILLARD CLARK GORE, PH.D., *Assistant Professor of Psychology.*
 CARL JOHANNES KROH, *Assistant Professor of the Teaching of Physical Training.*
 ELEANOR SMITH, *Instructor in the Teaching of Music.*
 BERTHA PAYNE, *Instructor in Kindergarten Training.*
 LILLIAN SOPHIA CUSHMAN, *Instructor in Art.*
 ANTOINETTE BELLE HOLLISTER, *Instructor in Clay Modeling.*
 IRA BENTON MEYERS, B.E., *Instructor in the Teaching of Natural Science, and Curator of Museum.*
 IRENE WARREN, *Librarian, and Associate in School Library Economy.*
 CLARA ISABEL MITCHELL, *Associate in Art and Textiles.*
 ELIZABETH EUPHROSYNE LANGLEY, *Associate in Manual Training, and Sloyd for Primary Grades.*
 ANNETTE BUTLER, *Associate in Manual Training, and Constructive Work for Primary Grades.*
 AMY LOUISE DANIELS, *Associate in Household Economics.*

GERTRUDE SMITH, *Assistant in Music; Piano and Theory.*
 LELIA PURDY, *Assistant in Textiles.*
 RUTH ABBOTT, B.L.S., *Assistant in Library.*
 FREDERICK EMERY WALRATH, *Assistant in Art and Clay Modeling.*
 GEORG THORNE-THOMSEN, *Geographic Drawing* (Summer Quarter, 1906).
 ZOE SMITH BRADLEY, *Music, Voice* (Summer Quarter, 1906).

THE UNIVERSITY HIGH SCHOOL

[For the Faculty of the University High School, see p. 28 of this *Register*.]

THE UNIVERSITY ELEMENTARY SCHOOL

[For the Faculty of the University Elementary School, see p. 30 of this *Register*.]

THE SCHOOL OF EDUCATION

HISTORY AND AIM

The School of Education of the University of Chicago was formed by the consolidation with the University of the Chicago Institute, founded by Mrs. Emmons McCormick Blaine and presided over by the late Colonel Francis W. Parker; the Laboratory School of the Department of Education in the University, the founder and director of which was Professor John Dewey, Head of the Department of Education; the South Side Academy, the Dean of which was Associate Professor William B. Owen, of the University; and the Chicago Manual Training School, whose head for many years has been Dr. Henry H. Belfield. There is, therefore, gathered in one group of buildings a

complete school system—kindergarten, elementary, high school, and college grades—with opportunities for training teachers under the most favorable educational surroundings, and with all the privileges of a great university. The fundamental element in the significance of this School of Education, is the desire and resolute purpose to promote the cause of education, not only here, but everywhere, through inspiring teachers with more vital and adequate conceptions of the nature of their work, and through furnishing them with the intellectual equipments necessary to make them effective and apt in carrying out such broadened and deep ideals.

THE BUILDINGS

The buildings of the School of Education are situated on Scammon court, between Kimbark and Monroe avenues, the main building facing the Midway Plaisance.

First floor—On the first floor are the administrative offices of the College and of the Elementary School, the Kindergarten and the following four grades of the Elementary School, the departments of Mathematics and Physics of the College and High School, and other classrooms.

Second floor—On the second floor is the Library, with some 15,000 volumes; a reading-room; a Seminar room; the departments of Geography, History, and Oral Reading; a gymnasium, with office and examination rooms, for the primary grades; and classrooms for grades from the seventh to ninth of the Elementary School. There is also a complete theater with stage, footlights, drop curtain, etc. This room will accommodate about 200 persons, and in it many plays are given during the year by the children of the Elementary School.

Third floor—Immediately above the Library is the Museum, which is one of the special features of the school; the laboratories of Psychology, Nature Study, Home Economics, and Chemistry; the tenth Grade of the Elementary School.

Fourth floor—On the fourth floor are the departments of Music, Elementary Wood-working, Drawing and Painting, Clay-Modeling and Pottery, Sewing and Textiles, Photography.

A special feature of the fourth floor is the Lunch-room. This is equipped to serve luncheon to 1,000 persons, and has seating accommodation for 200 at one time.

On the deck of the central tower of the building (which also furnishes space for the meteorological instruments) a camera obscura has been constructed, by means of which a large picture of any section of the surrounding landscape can be projected into a dark room immediately below.

In the basement of the building are the kiln-room and the casting-room.

The Manual-Training Building of the School of Edu-

cation is immediately in the rear of the main building, and is completely adapted to its purpose. Its dimensions are 350 by 65 feet. The two ends are each three stories in height, and the shops between are one-story high and are lighted by a saw-tooth roof. The drawing-rooms are well lighted and are furnished with the latest appliances, including facilities for blue-printing. The wood-shops have a complete outfit of benches, carpenters' and turners' tools, lathes, planer, band and circular saw, and complete facilities for cabinet-making. The forge-shop is furnished with down-draft forges, pressure blower and exhaust fan, a complete outfit of smithing tools, gas furnace for tempering and brazing, and also drill and emery wheels. The foundry is equipped with a cupola, facilities for floor and bench-work, two brass furnaces, core oven with revolving iron shelves, and a large assortment of patterns and flasks. The machine shop is equipped with eighteen lathes from twelve to twenty inches swing, planer, shaper, two universal milling machines, two drill presses, sensitive drill, water tool grinder, universal grinder, and a large assortment of

small tools. All machinery in the building is driven by electric motors.

The gymnasium, occupying the center of the court, consists of two rooms, each 36 by 60 feet in size, flanked on either side and at one end of the building with offices, dressing, locker, toilet, and shower rooms. The south gymnasium is equipped with all the apparatus of a modern gymnasium; the other, the north gymnasium, is provided with a number of "developing appliances" and apparatus designed for the use of girls. Four periods per week are prescribed for each student, three attendance records in the technical department of the High School being the minimum. Four experienced specialists competent to advise and instruct in all phases of the work outlined in the general plan, comprise the staff of the physical training department.

The school garden occupies about one and a quarter acres of well planted grounds. This area has been set aside permanently for the use of the school as a means of study and recreation. It contains a sylvan theater, with an ample natural stage and space accommodations for an audience of several hundred people.

THE COLLEGE OF EDUCATION

The College of Education is organized for the purpose of training persons who desire to teach in elementary schools, high schools, and colleges. It is not only a college of the University with all college privileges, but also a professional school for the training of teachers, and has therefore a very intimate connection, on the one hand, with the University High School, Academic and Manual Training Departments, and the University Elementary School, and on the other hand with every department of the University itself, particularly the Departments of Philosophy and Psychology. This union of educational forces makes it possible to combine theory and practice in a very satisfactory way and thus attain the desired end of giving the students-in-training command of the fundamental intellectual tools of the work which they are about to undertake.

Chapel assembly—Students in the College of Education meet in Chapel assembly on Tuesdays at 10:30 A. M., Room 214. Attendance is required.

Physical culture—Two hours a week during four Quarters are required of students in Courses A and B; during two Quarters, of students in the Arts and Technology courses.

College of Education Council—The Council is composed of five members elected as follows: one from students in Course A, one from those in the Kinder-

garten course, one from those in Arts and Technology, and two from those in Course B. This Council serves as the Executive Committee of the students of the College of Education in relation to the Administrative Board of the Senior Colleges, and only those may be chosen as Councilors whose academic records make them eligible for public appearance.

Unclassified students—For regulations governing unclassified students, see p. 62 of this *Register*.

Practice-teaching.—No person may receive the diploma, certificate, or degree of the College of Education who has not satisfied the requirements in regard to practice-teaching. These are outlined in connection with the curricula of the various courses.

The general statement is as follows:

Students registering for practice are required to give at least one hour a day to the work. In addition, they must attend the critic meetings conducted by the principals and the critic teachers at prearranged hours, and allow for such other time in the practice school as may be necessary to insure efficiency on their part and to protect the best interests of the pupils.

Three classes of Curricula have been arranged in the College of Education:

I. THE TWO YEARS COURSES

- (a) **General Course A:** For elementary-school teachers: two years, based upon graduation from a

high school having a four years' course and recognized by the University.

- (b) *Kindergarten Course*: for the training of persons who desire to teach in the kindergarten. This differs but slightly from the general course. It has the same admission requirements and extends over the same amount of time.
- (c) *Home Economics*, Two years, based upon the same admission requirements as above, excepting as specified in the description of the course below.

II. THE FOUR YEARS COURSES

- (a) *General Course B*: For persons intending to teach in almost any division of school work, but especially as secondary-school teachers, critic teachers, departmental supervisors in elementary and normal schools, etc.: Four years, based upon graduation from a high school having a four years' course and recognized by the University. Of the fifteen units, eight and a half are prescribed. The degree of Ed. B. is conferred at the successful completion of this course.
- (b) *Courses for students preparing to teach particular subjects in secondary and normal schools*: four years, leading to the degree Ed. B. and based upon the general admission requirements for the degrees A.B., S.B., and Ph.B.

III. COURSES IN ARTS AND TECHNOLOGY

Two years, based in general upon the same admission requirements as for General Course A, and intended for those who wish to become teachers of special subjects in elementary schools; also for those who wish to become supervisors and special or departmental teachers in normal schools, mechanical and

agricultural colleges, high schools, and large city school systems.

These courses have their own specific requirements indicated in the detailed statements found in Part II (Courses of Instruction) and should be carefully studied.

General Requirements for Admission

Preparation for admission to the College of Education is expected to cover a period of four years in a first-class high school or institution of similar grade. *Admission credits* are reckoned in units. A unit corresponds to a course of study comprising not less than 150 hours of prepared work. Two hours of laboratory work are regarded as the equivalent of one hour of prepared work. Fifteen units are required for admission to the College of Education. For admission to Course B eight and a half are prescribed. For details see admission under each curriculum given below. For requirements of admission to the University, see pp. 51-58 of this *Register*.

GRADUATION AND DIPLOMA

1. A student must have been registered as a candidate for a certificate, or degree, and pursuing courses prescribed by the College at least three Quarters before graduation from the College of Education.

2. No candidate will receive a diploma, certificate, or degree from the College of Education until the Faculty is convinced of his ability to teach successfully in some specified grade, department, or school.

For detailed information regarding the various general courses and curricula, see the *Bulletin of Information* of the College of Education.

For description of the separate Courses of Instruction, see Part II, of this *Register*.

THE UNIVERSITY HIGH SCHOOL

The University High School consists of the Chicago Manual Training School, established by the Commercial Club of Chicago March 23, 1882, and the South Side Academy, founded in 1892. The first-named school was incorporated with the University of Chicago in 1897, the latter in 1901.

In 1903 the two schools were combined to form the University High School and were transferred to the new buildings in Scammon Court, forming a part of the group of schools known as the School of Education.

The School Year is divided into four Quarters of about twelve weeks each. The majority of students are expected to spend but three Quarters of the year in study. The courses are arranged to cover the Autumn, Winter, and Spring Quarters, and students

in attendance during these Quarters (i. e., October to June inclusive) are advised to take their vacation during the Summer Quarter.

The courses of the Summer Quarter are, in the main, the same as those offered in the remaining Quarters. The arrangement of the courses, however, is considerably different. In most of the studies two recitations are held daily, and students are restricted to fewer subjects. A special circular, describing the work of the Quarter, is published during the Spring Quarter, and may be had on application.

The courses of study offered by the High School are arranged to include, as far as possible, all subjects that may fairly belong to a secondary school curriculum. They provide a systematic and practical training for

students whose formal education ends with the work of the school, and also an adequate preparation for any college or technical school in the country. A considerable portion of the work is elective. The choice of studies is determined, in part, by the needs and

future pursuits of the pupil; in part, by the natural sequence of the studies themselves. The wide range of electives makes it possible for the student to exercise a large degree of choice. This choice, however, is subject to the approval of the Deans.

THE UNIVERSITY ELEMENTARY SCHOOL

The University Elementary School is one of the three co-ordinate divisions of the School of Education. Allowing two years in the kindergarten, the school covers a period of ten school years, closing with, but including what is generally known as the eighth grade. Each school year is represented by one or more sections of about thirty-two pupils each as a maximum, under the charge of a critic teacher with a corps of assistants. The Critic Teacher, under the Principal, is vested with final responsibility for the condition of the section of which he is in charge, and for the progress of the pupils.

For the purposes of instruction the pupils of each section are usually divided into two classes; for practice teaching when necessary, the class is divided into two groups. The largest unit of the school is the Division, which embraces two sections or school years. This combination is made with a view to simplifying certain problems relating to promotion. The College teachers co-operate with the Principal and Critic Teachers in the actual teaching of classes, in the development of the curriculum, and in the supervision of those who are in training for the profession of teaching.

The School is furnished with ample facilities for offering instruction of high grade. Among these may be mentioned the following well-equipped departments:

domestic arts and science, including cooking and textiles; manual training; fine arts, including drawing, painting, clay-modeling, book-binding, and pottery; physical culture, including both indoor and outdoor work; natural science, geography, and history. A museum supplied with fine working-collections, and the general library of the School of Education, consisting of fifteen thousand volumes, hundreds of lantern slides, and about twenty thousand mounted pictures, strongly supplement the work of the School.

The house equipment is reinforced by carefully planned field and excursion work, which keeps the pupils in close touch with the real activities of life about them.

An acre and a half of ground has been set aside for permanent use as a playground and garden. In addition to the facilities for horticulture, the garden also offers opportunity for bee keeping, the study and care of trees, and for the location of certain outdoor instruments. It contains a small water garden constructed by the pupils, and a sylvan theater.

The work is in part departmental, but the aim is so to organize it that it may most effectively minister to the needs of the growing children. The school is in session three full Quarters, with an extra Term under special conditions during the summer.

PUBLICATIONS

The *School Review* was founded at Cornell University in 1892 by Mr. Jacob Gould Schurman, now President of Cornell University, and Mr. Charles Herbert Thurber. As the successor of *The Academy* and *School and College*, it was devoted to the interests of secondary education, and it has not changed its purpose during these fourteen years. It is the organ of no particular school of thought, nor does it represent any particular portion of the country; its aim is to be increasingly useful in helping the teachers in secondary schools to understand the significance of their work and to realize its possibilities.

The *Elementary School Teacher* is a publication of the School of Education. It presents the questions

of method in teaching and of subject-matter from the point of view of (1) the members of the Faculty of the University Elementary School; (2) the members of the Faculty of the College of Education; (3) teachers engaged in instruction in elementary schools outside of the School of Education; (4) superintendents, principals, and special teachers in elementary schools; (5) instructors in normal schools and colleges who are making special studies in particular departments or branches of subject-matter. The investigations and conclusions of all classes of workers in the educational world whose interests touch in any way those of the elementary school are represented in this journal.

THE LIBRARY

The school possesses a working library of some 15,000 volumes. It is classified according to the Dewey Decimal Classification. There is a dictionary card catalogue with full analytical work. Free access to shelves is given. Pictures illustrating all subjects of study have been collected from all parts of the world. They are mounted, classified, and ready for use. The

library aims to have on its shelves the best and latest books on the subjects taught in the School, and to present carefully selected and graded reading lists and the best devices for and methods of collecting, preserving, and making useful books, pamphlets, charts, maps, pictures, and clippings.

SCHOLARSHIPS

A number of Scholarships are assigned each year in the College of Education. In distributing these Scholarships preference is given (1) to those who furnish proper evidence of some special fitness for entering upon the profession of teaching, and (2) to those who enter at the beginning of the year with the inten-

tion of remaining at least three Quarters, and who register for full work. The value of the Scholarship is the amount of the tuition.

Each student holding a Scholarship is expected to render some service to the University, amounting in time to about one hour daily.

STUDENT SERVICE

A limited number of students are admitted to remunerated service as messengers, library assistants, Deans' clerks, typewriters, stenographers, etc.

1. *Qualifications*.—One Quarter of previous residence for which fees were paid in full; satisfactory standing in studies; dependence on such support for continuance of college course.

2. *Remuneration*.—Rates are fixed by the President and the Business Manager. As a rule, twenty cents

per hour is allowed for service. For such service the student will receive a voucher which, when presented to the Registrar within twenty days of issue, will be accepted in payment of two-thirds of the tuition fees for the Quarter.

NOTE.—Students who do not give satisfactory service will forfeit all remuneration. Absences are charged against students from the opening of the Quarter until the time that the voucher is presented and the tuition settled, as in the case of any other mode of payment.

THE UNIVERSITY EXTENSION DIVISION

OFFICERS OF ADMINISTRATION

THE ACTING PRESIDENT OF THE UNIVERSITY, HARRY PRATT JUDSON.
 SECRETARY OF THE LECTURE-STUDY DEPARTMENT, WALTER A. PAYNE.
 SECRETARY OF THE CORRESPONDENCE-STUDY DEPARTMENT, HERVEY FOSTER MALLORY.
 SECRETARY OF THE READING AND LIBRARY DEPARTMENT IN THE AMERICAN INSTITUTE OF SACRED LITERATURE, GEORGIA LOUISE CHAMBERLIN.
 ASSOCIATE LIBRARIAN, ZELLA ALLEN DIXSON.
 CHAIRMEN OF SECTION COMMITTEES:
 General Literature, RICHARD GREEN MOULTON.
 Sacred Literature, ERNEST DEWITT BURTON.
 Historical and Social Sciences, EDWIN ERLE SPARKS.
 Physical and Biological Sciences, JOHN MERLE COULTER.
 Education, GEORGE WILLIAM MYERS.

THE FACULTY

FRANKLIN JOHNSON, A.M., D.D., LL.D., *Professor of Church History and Homiletics.*
 ERI BAKER HULBERT, A.M., D.D., LL.D., *Professor and Head of the Department of Church History.*
 RICHARD GREEN MOULTON, PH.D., *Professor of Literary Theory and Interpretation and Head of the Department of General Literature.*
 CHARLES RICHMOND HENDERSON, A.M., D.D., PH.D., *Professor and Head of the Department of Ecclesiastical Sociology.*
 CHARLES CHANDLER, A.M., *Professor of Latin.*
 SAMUEL WENDELL WILLISTON, M.D., PH.D., *Professor of Paleontology.*
 NATHANIEL BUTLER, A.M., D.D., LL.D., *Professor of Education.*
 ERNEST DEWITT BURTON, D.D., *Professor and Head of the Department of New Testament Literature and Interpretation.*
 CHARLES REID BARNES, PH.D., *Professor of Plant Physiology.*
 PAUL SHOREY, PH.D., LL.D., *Professor and Head of the Department of Greek Language and Literature.*
 BENJAMIN TERRY, PH.D., LL.D., *Professor of Mediæval and English History.*
 WILLIAM DARNALL MACCLINTOCK, A.M., *Professor of English Literature.*
 IRA MAURICE PRICE, D.B., PH.D., LL.D., *Professor of the Semitic Languages and Literatures.*
 MARION TALBOT, A.M., LL.D., *Professor of Household Administration.*
 ELIAKIM HASTINGS MOORE, PH.D., LL.D., *Professor and Head of the Department of Mathematics.*
 SHAILER MATHEWS, A.M., D.D., *Professor of Systematic Theology.*
 JAMES HAYDEN TUFTS, PH.D., LL.D., *Professor and Head of the Department of Philosophy.*
 EDWIN ERLE SPARKS, PH.D., *Professor of American History.*
 WILBUR SAMUEL JACKMAN, A.B., *Professor of the Teaching of Natural Science.*
 GEORGE EDGAR VINCENT, PH.D., *Professor of Sociology.*
 CARL DARLING BUCK, PH.D., *Professor and Head of the Department of Sanskrit and Indo-European Comparative Philology.*
 ALEXANDER SMITH, PH.D., *Professor and Director of General and Physical Chemistry.*
 CHARLES ZUEBLIN, PH.B., D.B., *Professor of Sociology.*
 JAMES HENRY BREASTED, PH.D., *Professor of Egyptology and Oriental History.*
 GEORGE WILLIAM MYERS, PH.D., *Professor of the Teaching of Mathematics and Astronomy.*
 JAMES ROWLAND ANGELL, A.M., *Professor and Head of the Department of Psychology; Director of the Psychological Laboratory.*

THEODORE GERALD SOARES, A.M., Ph.D., D.D., *Professor of Homiletics.*
 GEORGE RICKER BERRY, Ph.D., *Non-Resident Professor of the Semitic Languages and Literatures.*
 GENEVA MISENER, Ph.D., *Non-Resident Professor of Greek.*
 JOHN GRAHAM BROOKS, A.B., *Professorial Lecturer in Social Economics.*
 RICHARD BURTON, Ph.D., *Professorial Lecturer in English Literature.*
 GRAHAM TAYLOR, D.D., *Professorial Lecturer in Sociology.*
 TOYOKICHI IYENAGA, Ph.D., *Professorial Lecturer in Political Science.*

FRANCIS ADELBERT BLACKBURN, Ph.D., *Associate Professor of the English Language.*
 JOHN WILDMAN MONCRIEF, A.M., *Associate Professor of Church History.*
 FRANK JUSTUS MILLER, Ph.D., *Associate Professor of Latin.*
 KARL PIETSCH, Ph.D., *Associate Professor of Romance Philology.*
 FREDERICK STARR, Ph.D., *Associate Professor of Anthropology.*
 FRANCIS WAYLAND SHEPARDSON, Ph.D., LL.D., *Associate Professor of American History.*
 WILLIAM ISAAC THOMAS, Ph.D., *Associate Professor of Sociology.*
 THOMAS ATKINSON JENKINS, Ph.D., *Associate Professor of French Philology.*
 ADDISON WEBSTER MOORE, Ph.D., *Associate Professor of Philosophy.*
 JEROME HALL RAYMOND, Ph.D., *Associate Professor of Sociology.*
 FRANK RATTRAY LILLIE, Ph.D., *Associate Professor of Embryology.*
 JARED G. CARTER TROOP, A.M., *Associate Professor of English.*
 SOLOMON HENRY CLARK, Ph.B., *Associate Professor of Public Speaking.*
 EMILY JANE RICE, Ph.B., *Associate Professor of the Teaching of History and Literature.*

ALBERT HARRIS TOLMAN, Ph.D., *Assistant Professor of English Literature.*
 PAUL OSKAR KERN, Ph.D., *Assistant Professor of Germanic Philology.*
 WILLIAM HOOVER, Ph.D., *Non-Resident Assistant Professor of Mathematics.*
 FRANCIS ASBURY WOOD, Ph.D., *Assistant Professor of Germanic Philology.*
 MAXIME INGRES, B. ES LETTRES, *Assistant Professor of French.*
 ALICE PELOUBET NORTON, A.M., *Assistant Professor of Household Administration.*
 HERBERT LOCKWOOD WILLETT, Ph.D., *Assistant Professor of the Semitic Languages and Literatures.*
 HERBERT ELLSWORTH SLAUGHT, Ph.D., *Assistant Professor of Mathematics.*
 FRANK MELVILLE BRONSON, A.M., *Academy Assistant Professor of Greek.*
 GEORGE CARTER HOWLAND, A.M., *Assistant Professor of Italian Philology.*
 JOHN PAUL GOODE, Ph.D., *Assistant Professor of Geography.*
 GEORGE AMOS DORSEY, Ph.D., *Assistant Professor of Anthropology.*
 IRA WOODS HOWERTH, Ph.D., *Assistant Professor of Sociology.*
 KURT LAVES, Ph.D., *Assistant Professor of Astronomy.*
 ELIZABETH WALLACE, S.B., *Assistant Professor of French Literature.*
 CLYDE WEBER VOTAW, D.B., Ph.D., *Assistant Professor of New Testament Literature.*
 CHARLES MANNING CHILD, Ph.D., *Assistant Professor of Zoölogy.*
 JOHN CUMMINGS, Ph.D., *Assistant Professor of Political Economy.*
 GERALD BIRNEY SMITH, A.M., D.B., *Assistant Professor of Systematic Theology.*
 JAMES WESTFALL THOMPSON, Ph.D., *Assistant Professor of European History.*
 LEONARD EUGENE DICKSON, Ph.D., *Assistant Professor of Mathematics.*
 CHARLES EDWARD MERRIAM, Ph.D., *Assistant Professor of Political Science.*
 FOREST RAY MOULTON, Ph.D., *Assistant Professor of Astronomy.*

NATHANIEL I. RUBINKAM, Ph.D., *Lecturer in English Literature.*
 JANE ADDAMS, A.B., *Lecturer in Sociology.*
 HORACE SPENCER FISKE, A.M., *Lecturer in English Literature.*
 EDWARD ALFRED STEINER, Ph.D., *Lecturer in Slavic History and Literature.*
 JENKIN LLOYD JONES, *Lecturer in English.*
 WILLIAM M. R. FRENCH, A.B., *Lecturer in Art.*

WILLIAM NORMAN GUTHRIE, A.M., *Lecturer in General Literature.*
JAMES SAMUEL KIRTLEY, A.B., D.D., *Lecturer in Biblical Literature.*

LEWIS NATHANIEL CHASE, Ph.D., *Lecturer in General Literature.*
CHARLES ALEXANDER YOUNG, Ph.B., *Lecturer in Biblical History and Literature.*
ARTHUR EUGENE BESTOR, A.B., *Lecturer in Political Science.*
GLENN DILLARD GUNN, *Lecturer in Music.*
DAVID BEATON, A.M., *Lecturer in General Literature.*

THEODORE LEE NEFF, A.M., Ph.D., *Instructor in French.*
ERNEST JEAN DUBEDOUT, Dr. Es Lettres, *Instructor in French Literature.*
SAMUEL CARLYLE JOHNSTON, A.B., *Instructor in Greek (the University High School).*
CHARLES JOSEPH CHAMBERLAIN, A.M., Ph.D., *Instructor in Morphology and Cytology.*
SOPHONISBA PRESTON BRECKINRIDGE, Ph.D., J.D., *Instructor in Household Administration.*
EDWARD SCRIBNER AMES, Ph.D., *Instructor in Philosophy.*
ROBERT JOHNSON BONNER, Ph.D., *Instructor in Greek and Ancient History.*
JOSEPHINE CHESTER ROBERTSON, A.B., *Head Cataloguer.*
GLENN MOODY HOBBS, Ph.D., *Instructor in Physics (the University High School).*
LAUDER WILLIAM JONES, Ph.D., *Instructor in Analytical Chemistry.*
ELLA ADAMS MOORE, Ph.B., *Non-Resident Instructor in English.*
GEORGE LINNEUS MARSH, Ph.D., *Non-Resident Instructor in English.*
HENRY CHANDLER COWLES, Ph.D., *Instructor in Ecology.*
LISI CECILIA CIPRIANI, Ph.D., *Instructor in French and Comparative Literature.*
WALLACE WALTER ATWOOD, Ph.D., *Instructor in Physiography and General Geology.*
JAMES WEBER LINN, A.B., *Instructor in English.*
JOHN MERLIN POWIS SMITH, Ph.D., *Instructor in Semitic Languages and Literatures.*
ADOLF CHARLES VON NOÉ, Ph.D., *Instructor in German Literature.*
KATHERINE ELIZABETH DOPP, Ph.D., *Non-Resident Instructor in Education.*
DANIEL GRAISBERRY REVELL, A.B., M.B., *Instructor in Anatomy.*
NORMAN MacLEOD HARRIS, M.B., *Instructor in Bacteriology.*
GEORGE BREED ZUG, A.B., *Instructor in the History of Art.*
JOSEPH PARKER WARREN, Ph.D., *Instructor in History.*
CHARLES CLAUDE GUTHRIE, M.D., *Instructor in Physiology.*
ROBERT MORRIS, LL.B., A.M., *Instructor in Political Economy.*
HIRAM PARKER WILLIAMSON, A.M., *Instructor in French.*
EDITH FOSTER FLINT, Ph.B., A.M., *Instructor in English.*
PERCY HOLMES BOYNTON, A.M., *Instructor in English.*
JOHN BROADUS WATSON, Ph.D., *Instructor in Experimental Psychology.*
CHARLES HENRY BEESON, A.M., *Instructor in Latin.*
WILLIAM LAWRENCE TOWER, S.B., *Instructor in Embryology.*
BERTHA PAYNE, *Instructor in Kindergarten Training.*
EARL BIXBY FERGUSON, *Instructor in Drawing (the University High School).*
WILBERT SHEPARD DREW, S.B., *Instructor in Machine Shop (the University High School).*
ALICE HARVEY PUTNAM, *Non-Resident Instructor in Education.*
CASSIUS BRUCE AVERY, *Instructor in Machine Shop.*

LESTER BARTLETT JONES, A.B., *Associate and Director of Music.*
SARAH FRANCES PELLETT, A.M., *Associate in Latin (the University High School).*
JOHN JACOB MEYER, Ph.D., *Associate in German.*
HENRIETTA KATHERINE BECKER, Ph.D., *Associate in German.*
REUBEN MYRON STRONG, Ph.D., *Associate in Zoölogy.*
HENRI CHARLES EDOUARD DAVID, A.M., *Associate in French.*
ERRETT GATES, D.B., Ph.D., *Associate in Church History.*

SAMUEL NORTHRUP HARPER, A.B., *Associate in the Russian Language and Literature.*

FRANCES ADA KNOX, A.B., *Assistant in History.*

MAUDE LAVINIA RADFORD, Ph.M., *Assistant in English* (University College).

JOHN DORSEY WOLCOTT, Ph.D., *Assistant in the Classical Libraries.*

WILLIAM BURNETT McCALLUM, Ph.D., *Assistant in Botany.*

WILLIAM JESSE GOAD LAND, Ph.D., *Assistant in Morphology.*

HARLAN HARLAND BARROWS, A.B., *Assistant in Geology.*

HANS ERNST GRONOW, A.B., *Assistant in German.*

CHARLES MacDONALD CARSON, A.B., *Assistant in Chemistry.*

VICTOR ERNEST SHELFORD, S.B., *Laboratory Assistant in Zoölogy.*

PAUL GUSTAV HEINEMANN, S.B., *Fellow in Bacteriology.*

ROWLAND HECTOR MODE, A.M., *Fellow in Semitic.*

OSCAR EDWARD MEINZER, A.B., *Fellow in Geology.*

AGNES MATHILDE WERGELAND, Ph.D., *Non-Resident Reader in History.*

HOWELL EMLYN DAVIES, M.D., Ph.D., *Non-Resident Reader in Bacteriology.*

LAETITIA MOON CONARD, Ph.D., *Non-Resident Reader in Comparative Religion.*

FREDERICK OTTO SCHUB, Ph.D., *Non-Resident Reader in German.*

OSCAR TUNSTAL MORGAN, Ph.D., *Non-Resident Reader in the Semitic Languages and Literatures.*

DANIEL PETER MacMILLAN, Ph.D., *Non-Resident Reader in Philosophy.*

FRED HARVEY HALL CALHOUN, Ph.D., *Non-Resident Reader in Geology.*

HARRY FOSTER BAIN, Ph.D., *Non-Resident Reader in Geology.*

WILLIAM CLINTON ALDEN, Ph.D., *Non-Resident Reader in Geology.*

WILLIAM HARVEY ALLEN, Ph.D., *Non-Resident Reader in Sociology.*

ANNIE MARION MacLEAN, Ph.D., *Non-Resident Reader in Sociology.*

MERRITT LORRAINE HOBLIT, A.M., *Non-Resident Reader in Spanish.*

CLIFTON DURANT HOWE, Ph.D., *Non-Resident Reader in Botany.*

MYRON LUCIUS ASHLEY, Ph.D., *Non-Resident Reader in Philosophy.*

JOHN WILLIAM BAILEY, Ph.D., *Non-Resident Reader in Biblical and Patristic Greek.*

CHARLOTTE JEAN CIPRIANI, Ph.D., *Non-Resident Reader in Italian.*

SAUL EPSTEEN, Ph.D., *Non-Resident Reader in Mathematics.*

ELBERT RUSSELL, A.M., *Non-Resident Reader in New Testament Literature and Interpretation.*

LOUISE MALLINCKRODT KUEFFNER, A.M., *Non-Resident Reader in German.*

AUGUSTUS RAYMOND HATTON, Ph.B., *Reader in Political Science.*

MABEL BANTA BEESON, A.M., *Non-Resident Reader in Latin.*

ANA JULE ENKE, Ph.B., *Reader in Spanish.*

GENERAL INFORMATION

All non-resident work of the University is conducted through the University Extension Division. The University extends its teaching beyond its classrooms in four different ways: (1) by lecture-study courses, (2) by correspondence courses, (3) by directing the

work of local study clubs, (4) by offering courses of reading or study to individuals or groups not desiring a personal instructor. Special circulars are issued explaining the work offered in these several departments. These circulars may be had on application.

I. THE LECTURE-STUDY DEPARTMENT .

1. **Lecture-Study Courses.**—University Extension lectures are distinguished from ordinary lectures, (1) in seeking to stimulate and to instruct, rather than to entertain; (2) in being given in series, rather than as single lectures; (3) in offering every practi-

cable facility for reading, study, and writing in connection with the course, and (4) in extending recognition for work done. The aids for student work consist of the *syllabus*, the *review*, the *written exercise*, and the *traveling library*. The perform-

ance of designated work is voluntary. Those who prefer to take the lectures only are at liberty to do so.

2. **The Method.**—In order to make the teaching at the same time attractive and instructive, a special method has been adopted which experience has shown to be most serviceable for this particular work. It embraces the following elements:

- 1) The *Lecture* is given weekly or fortnightly throughout a period of six or twelve weeks. Each course consists of six or more lectures relating to one topic, and delivered by one lecturer.
 - 2) The *Class* or *Review* is a conference between the lecturer and those of his audience who desire to pursue the subject somewhat more in detail than is possible in the lecture, which it usually immediately precedes or follows.
 - 3) For each course of lectures a *Syllabus* or printed outline is issued, with suggestions as to reading upon special points intended to be of material value to the students in following these lectures.
 - 4) In connection with many of the courses a *Library* of from forty to sixty volumes, selected by the lecturer, is sent to the center and left there while the course is in progress for the use of the members of the center.
 - 5) Topics are indicated upon which members of the center are encouraged to prepare papers to be submitted to the lecturer for correction.
 - 6) Provision is made for examination and issuing certificates to those who have met the requirements.
3. **University Recognition of Lecture-Study Work.**—
- 1) Examinations are permitted on all courses of six lecture studies and upward. Students are qualified for the examination who (a) have attended not less than two-thirds of the total number of lectures and classes included in the course of instruction; (b) have written, to the satisfaction

of the lecturer, exercises upon topics assigned in connection with not less than two-thirds of the lectures of the course.

- 2) Credit for work done on University Extension lecture-study courses is given on the books of the University on the following conditions:
 - a) No application for credit will be considered unless the applicant shall have submitted to the lecturer before the examination a minimum of eight written exercises, or the equivalent thereof in theses of greater length.
 - b) Applicants for credit must consult the lecturer at the opening of the course, when he will designate subjects and topics upon which the work must be based. Formal registration must be made with the University before the second lecture, upon blanks which can be secured from the local secretary.
 - c) The applicant shall pass an examination on the course at such time as is most convenient to himself and his instructor either at the University, or, if elsewhere, under supervision which has been approved by his Dean.
 - d) No examination or other special fee is charged applicants for credit.
 - e) To students satisfying these requirements credit for a Minor will be given by the University.
 - f) If the lecturer or any other leader approved by the University conducts a supplementary class in connection with a course of twelve lecture studies, a student doing satisfactory work therein in addition to the work above mentioned may, upon recommendation of the lecturer, become a candidate for credit for a Major.
- 3) A minimum of one year's residence is required of an applicant for a degree.

II. THE CORRESPONDENCE-STUDY DEPARTMENT

1. **Teaching by Correspondence.**—Experience has shown that many subjects can be taught successfully by correspondence. DIRECTION and CORRECTION can oftentimes be given as effectively in writing as by word of mouth. Obviously, self-reliance, initiative, perseverance, accuracy, and kindred qualities are peculiarly encouraged and developed by this method of instruction.

2. **Purpose and Constituency.**—This Department of the University Extension Division does not provide a CURRICULUM leading to a degree, but furnishes a LIST OF COURSES from which the student may choose such as will afford helpful and stimulating study. It aims to offer anyone anywhere the opportunity of securing instruction from specialists.

3. **Method of Instruction.**—Each correspondence course

is designed to be equivalent to the corresponding residence course, and contains therefore a definite amount of work. A **MAJOR (Mj)** calls for an amount of work which a student in residence would be expected to accomplish in twelve weeks, reciting five hours per week. A **MINOR (M)** calls for one-half as much work as a Major. The correspondence student has a minimum of twelve and a maximum of fifteen months, depending on the date of registration, (or, if extension of time is granted, of twenty-seven months) for completing either a Major or a Minor course. On the other hand it is permissible to finish courses as rapidly as is consistent with good work. Courses are of two kinds, formal and informal.

- a) The **FORMAL** course furnishes a systematic and progressive presentation of the subject in a given number of lessons. Every lesson is carefully criticised by the instructor and returned, so that each student receives **PERSONAL GUIDANCE AND INSTRUCTION** throughout the course.
- b) The **INFORMAL** course is designed for students who are pursuing studies of an advanced nature. The course is usually arranged between instructor and student to meet the particular needs of the latter.

Courses are **FORMAL** when not otherwise indicated.

4. Admission.

No preliminary examination or proof of previous work is required of applicants for correspondence courses. Before matriculating or registering a student, however, the University does require certain information called for on the formal application blank, and reserves the right to reject applicants, or to recommend other courses than those chosen, if the data furnished on the blank justify such action. If the correspondence student later comes to the University of Chicago, he must comply with the requirements for admission to residence courses. (See this *Register* pp. 51-58.)

5. Recognition for Work.

- a) A certificate is granted for the satisfactory completion of the recitation work in any Major or Minor course.
- b) Admission credit is given for courses covering college-entrance requirements, which are satisfactorily completed and passed by examination.
- c) Credit toward a Bachelor degree (cf. § 6, b) (1)) is given for courses of a college grade satisfactorily completed and passed by examination.

6. Regulations.

- a) The University of Chicago grants no degree for work done wholly in absence. A **MINIMUM** of nine Majors (one year's work) of residence study at THE UNIVERSITY OF CHICAGO is required of everyone upon whom any degree is conferred.
- b) Correspondence courses are accepted as meeting the study requirement for the different degrees as follows:
 - (1) The candidate for a **BACHELOR** degree (A.B., Ph.B., or S.B.) may do eighteen of the required thirty-six Majors of college work, by correspondence.
 - (2) The candidate for the **MASTER'S** degree (A.M., Ph.M., or S.M.) may not offer correspondence work for any of that required for this degree, inasmuch as the maximum time and study requirement for this degree (nine months and nine Majors) is at the same time the minimum requirement for any degree.
 - (3) The candidate for the **DOCTOR'S** degree (Ph.D.) should consult the Head of the Department in which his work lies before choosing correspondence courses **FOR CREDIT**. While it is permissible to do one-third of the work required for the degree by correspondence, very few non-resident students command the necessary library or laboratory facilities for graduate study.

7. Scholarships.

Scholarships yielding tuition in residence are awarded to those who satisfactorily complete and pass a given number of correspondence courses.

III. THE AMERICAN INSTITUTE OF SACRED LITERATURE

HISTORICAL STATEMENT

As early as 1879 a growing realization of inadequate opportunities for biblical instruction became apparent among educators. Dr. William R. Harper, Professor of Hebrew in the Baptist Theological Seminary at Morgan Park, Ill., prepared a series of textbooks for the study of Hebrew and New Testament Greek by modern

methods. In February, 1881, a correspondence school of Hebrew was organized by him under the name of the **INSTITUTE OF HEBREW**. Twenty students constituted the initial class. The **INSTITUTE** was encouraged and fostered in its work by about seventy teachers of Hebrew and the Old Testament connected with educational institutions throughout the country. There was no distinction of views, men of widely differing schools of thought uniting in this common effort. The student body increased so rapidly that in its first year forty-four states and eight foreign countries were represented. In time it became increasingly evident that the opportunities of the school must be extended to students of the English Bible. In 1889 a reorganization was effected, and an institution having a much broader purpose was established under the name **THE AMERICAN INSTITUTE OF SACRED LITERATURE**. In the first prospectus the aim of the new organization is stated in the following terms: "To promote the philological, literary, historical, and exegetical study of the Scriptures by means of such instrumentalities as may be found practicable." This ideal has not been changed, although changing circumstances and demands have involved modifications in methods and work.

In 1891 the headquarters of the **INSTITUTE** were removed from New Haven to Chicago and located at the University of Chicago, the principal of the **INSTITUTE** having accepted the presidency of that institution.

Since the organization in 1879 the demand for popular work had been continually increasing. It was felt that the **INSTITUTE** should be a medium through which the many biblical scholars engaged in teaching in universities and seminaries throughout the country might come in contact with the people.

Accordingly the **COUNCIL OF SEVENTY** was organized in 1895 and the **INSTITUTE** was placed under its direction. The headquarters were located at the University of Chicago, and the Executive Committee, or Senate of the Council, appointed from members of the **COUNCIL** in the institutions of Chicago. The organization was not endowed, and the constantly growing work being endangered by the lack of essentials to a permanent existence, the **COUNCIL OF SEVENTY** unanimously consented to accept the opportunity given them by the trustees of the University of Chicago to incorporate the **INSTITUTE** in the University Extension Division of the University and to continue its work under the advantages offered by association with a well established educational institution. This transfer was formally consummated July 1, 1905.

THE PURPOSE OF THE INSTITUTE

It is the province of the **INSTITUTE** as a whole to conduct all non-residence work of whatever character in subjects pertaining to Sacred Literature. It is the purpose of the University to provide through the **INSTITUTE** for churches, schools, pastors, teachers, and the general christian public, facilities for non-resident study in the Bible and kindred subjects in such a variety of forms, grades, and topics, that satisfactory aid may be given to any person or group of persons seeking assistance, advice or training, in topics associated with religious education.

ORGANIZATION

The officers of administration are the President of the University, the Secretaries of the University Extension Division, and the Executive Committee of the Sacred Literature Section.

THE WORK OF THE INSTITUTE

The Lecture Study and Correspondence Courses offered in the **INSTITUTE OF SACRED LITERATURE** are described under their respective departments in the preceding pages.

In the Reading and Library Department of the **INSTITUTE** are included all courses of prescribed reading, professional or non-professional, elementary study courses without correspondence instruction for individuals or groups, and rapid survey courses for the training of Sunday-school teachers.

In the conduct of Professional Reading courses a list of books in a given subject is recommended after approval by the **COUNCIL OF SEVENTY**, and the reader is provided with special reviews of these books, and with further suggestions for reading outside the prescribed courses. In more elementary reading courses a monthly bulletin of suggestions and questions for consideration is sent to the student. In elementary study courses the work is conducted by means of a pamphlet containing suggestions and directions for daily study with review questions. In rapid survey courses the work is more comprehensive and accompanied with suggestions for reading and experimental work such as would be of especial assistance to the Sunday-school teacher. Students are given the privilege of frequent consultation by mail. Leaders of clubs have special assistance.

For work done in the Reading and Library department certificates are issued to students on the accomplishment of each course. Such certificates do not entitle the student to credit toward a degree.

All fees are payable in advance. The fee for an elementary study course is fifty cents; for professional reading courses, one dollar; for a training course, five dollars. No matriculation fee is required for work in the Reading and Library department.

THE COUNCIL OF SEVENTY

At the request of the President of the University, and in accordance with the wishes of the Executive Committee of the Sacred Literature Section, the COUNCIL OF SEVENTY, with its members and associate members, constitute an Advisory Board, to which all matters of educational importance are submitted. The declaration of principles which the COUNCIL authorized in 1895, is representative of their attitude and of the spirit and purpose of the work of the INSTITUTE.

DECLARATION OF PRINCIPLES

The COUNCIL does not stand for any theory of interpretation, or school of criticism, or denomination; but for a definite endeavor to promote the knowledge of the Word of God as interpreted in the best light of today. From this point of view also the contributions of other religious literatures are sought by the COUNCIL, that through the study of these literatures the teaching of the Scriptures may be more clearly understood. The COUNCIL is organized on the basis of a belief that the Bible is a unique revelation from God, and it strives in a constructive spirit to investigate the teachings of the Bible and to extend its influence among the people. While, therefore, a large liberty is allowed to the individual teacher, the position occupied by the COUNCIL is altogether evangelical. For a list of the members and associate members of the COUNCIL OF SEVENTY see the special bulletin of the INSTITUTE OF SACRED LITERATURE.

THE UNIVERSITY LIBRARIES AND LABORATORIES*

THE LIBRARIES

THE LIBRARY STAFF

ZELLA ALLEN DIXON, *Associate Librarian.*

WILLIAM ISAAC THOMAS, *Superintendent of Departmental Libraries.*

JOSEPHINE CHESTER ROBERTSON, *Head Cataloguer.*

CORA BELLE PERRINE, *Head of Accession Department.*

CLARENCE ALMON TORREY, *Inspector of Departmental Libraries.*

FRANK LELAND TOLMAN, *Loan Desk Assistant.*

ANNE STUART DUNCAN, *Second Loan Desk Assistant.*

ANNA SOPHIA PACKER, *Accession Assistant.*

JULIA LOUISE DICKINSON, *Assistant Cataloguer.*

MARGARET ANNE HARDINGE, *In Charge of Traveling Libraries.*

RUTH EDNA MORGAN, *Second Assistant Cataloguer.*

HANNAH VERNONICA RYAN, *Assistant in Historical Library Group.*

EMMA L. DICKINSON, *Assistant in Biological Library.*

ALBERT SHERWOOD WILSON, *Assistant in Haskell Library.*

ALBERT ELLSWORTH HILL, *Assistant in Modern Language Libraries.*

MARY LOUISE BATES, *Assistant in Classical Library.*

STORRS BARROWS BARRETT, *Librarian at Yerkes Observatory Library.*

FREDERICK WILLIAM SCHENK, *Librarian in the Law Library.*

IRENE WARREN, *Librarian in the School of Education.*

SARAH ELLEN MILLS, *Librarian at the Academy for Boys, Morgan Park.*

LIBRARY ADVISERS

ASSOCIATE PROFESSOR WILLIAM ISAAC THOMAS, *Historical Group.*

PROFESSOR IRA MAURICE PRICE, *Haskell Library.*

PROFESSOR FRANK FROST ABBOTT, *Classical Library.*

PROFESSOR EDWIN BRANT FROST, *Yerkes Observatory Library.*

PROFESSOR JOHN MATTHEWS MANLY, *Modern Language Libraries.*

PROFESSOR CLARKE BUTLER WHITTIER, *Law School Library.*

PROFESSOR ELIAKIM HASTINGS MOORE, *Mathematics and Astronomy.*

ASSISTANT PROFESSOR CHARLES RIBORG MANN, *Physics.*

PROFESSOR ROLLIN D. SALISBURY, *Geology and Geography.*

ASSOCIATE PROFESSOR FRANK RATTRAY LILLIE, *Biology Library.*

PROFESSOR JULIUS STIEGLITZ, *Chemistry.*

ASSOCIATE PROFESSOR SOLOMON HENRY CLARK, *Public Speaking.*

LESTER BARTLETT JONES, *Music.*

PROFESSOR AMOS ALONZO STAGG, *Physical Culture.*

PROFESSOR JAMES ROWLAND ANGELL, *Psychology.*

GENERAL STATEMENT

The General Library is for the use of students in all Departments of the University. Students who have matriculated and paid their library fee may take at one time three volumes from the General Library. These may be kept two weeks, and at the end of that time, if desired, may be renewed for two weeks.

Former students may continue to use the Library by the payment of the library fee of \$2.50 per Quarter.

The General Library is temporarily located in the Press building, on the northwest corner of Fifty-eighth Street and Ellis Avenue.

The approximate estimate of the books belonging to the Library is 447,166, distributed as follows: Baptist

Union Theological Seminary Library, 40,000 volumes; the old University, 10,000; the Edward Olson Library, 5,000 (not yet delivered to the University); Berlin purchase, 175,000; number of volumes in the General Library and Departmental Libraries, July 1, 1906: Astronomy, 876; Biology, 15,938; Chemistry, 2,362; English, 9,791; English, German, Romance, 657; General Library, 278,985; Geography and Geology, 6,496; German, 14,490; Greek and Latin, 11,100; Haskell, 15,244; Historical Group, 43,470; History of Art, 1,226; Law School, 25,798; Mathematics, 3,600; Music, 217; Pedagogy and School of Education, 5,729; Physical Culture, 770; Physics, 2,225; Psychology, 65; Public Speak-

* For the Administrative Board of Libraries and Laboratories see p. 40.

ing, 321; Romance, 5,327; Sanskrit and Comparative Philology, 2,479. Total, 447,166 volumes.

The General Library receives 1,481 current periodical publications, including the transactions and pro-

ceedings of learned societies. All the Branch and Departmental libraries are catalogued and classified. Most of the collections in the General Library are now permanently arranged.

THE KENT CHEMICAL LABORATORY

JOHN ULRIC NEF, *Director*

The Chemical Laboratory, provided by the generosity of Mr. Sidney A. Kent, was opened January 1, 1894.

The arrangement of the rooms is as follows:

The basement contains a furnace-room, with a set of gas furnaces, with air-blast of the most modern construction, for crucible work, muffle work, tube-heating, and other purposes; a constant-temperature room, a room fitted with steam and other appliances for work on a large scale, a mechanical workshop, and storage-rooms.

On the first floor are one small and two large lecture-rooms, and a large lecture-hall seating three hundred persons, fitted for use as a chemical lecture-room, if desired. This floor also contains a chemical museum, a large private laboratory, a room with northern exposure, especially fitted for use as a gas-analysis laboratory, and also apparatus and preparation rooms connected with the lecture-rooms.

On the second floor are two large laboratories in-

tended for research and quantitative analysis; three private laboratories for the professors; balance, combustion, and air-furnace rooms; a balcony for out-of-door work; and the chemical library, which contains full sets of the most important journals, as well as the most important textbooks and other works, relating to chemistry.

On the third floor are three large laboratories for general and analytical chemistry, a storeroom, a preparation room, a room especially fitted for optical and photographic work, a balance-room, and two private laboratories. The most modern system of ventilation has been adopted, air of constant temperature being forced in by fans from below, and withdrawn by a fan above. The building is lighted throughout by electric lights, and the laboratories are provided with electricity adapted to every kind of electro-chemical work.

The fullest opportunity will be given for doing research work. All possible aid will be afforded those who desire to avail themselves of the facilities of the laboratory.

THE RYERSON PHYSICAL LABORATORY

ALBERT ABRAHAM MICHELSON, *Director*

The Ryerson Physical Laboratory was completed January 1, 1894. In the design and construction of this building no element of utility has been omitted, and every effort was made to include all the desirable features of a first-class physical laboratory.

All the walls and floors are strong and heavy; the laboratories on the first floor are provided with piers of masonry, in addition to the heavy slate wall-shelves which are found throughout the building. Every laboratory is provided with gas for light or fuel, electricity for light and power, water, compressed air, and vacuum pipes.

The first floor is devoted to laboratories for research work, two large constant-temperature rooms, and the mechanic's room, which is fitted up with all the tools and appliances necessary in the construction and repair of physical apparatus.

On the second floor are found a large general labora-

tory for advanced undergraduate work, optical laboratories, a chemical laboratory, a large dark-room, two developing-rooms, and the large lecture-hall with its adjoining apparatus and preparation rooms.

The third floor is devoted to a general laboratory for the undergraduate work in general physics, which with its adjoining apparatus and preparation rooms occupies the entire floor of the east wing. On the same floor are found two general laboratories and classrooms.

The central part of the fourth floor forms a hall for experiments requiring a large space. The roof above this portion is flat and suitable for observations in the open air.

Recent investigations have shown that the location of the Ryerson Laboratory is an exceedingly good one, and that the outside disturbances, which are usually so annoying, are at a minimum.

THE YERKES ASTRONOMICAL OBSERVATORY

OFFICERS OF GOVERNMENT

EDWIN BRANT FROST, *Professor of Astrophysics; Director.*
 SHERBURNE WESLEY BURNHAM, *Professor of Practical Astronomy.*
 EDWARD EMERSON BARNARD, *Professor of Practical Astronomy.*
 GEORGE ELLERY HALE, *Non-Resident Professor of Astrophysics; Mt. Wilson, California.*
 JOHN ADELBERT PARKHURST, *Instructor in Practical Astronomy.*
 STORRS BARROWS BARRETT, *Secretary and Librarian.*
 PHILIP FOX, *Assistant in Astrophysics.**
 ARTHUR GRANT STILLHAMER, *Assistant in Astrophysics.*
 ROBERT JAMES WALLACE, *Photophysicist.*
 FRANK CRAIG JORDAN, *Fellow 1905-6.*
 FRANK LOXLEY GRIFFIN, *Fellow (Summer Quarter, 1905).*
 FLORENCE ALBERTA GRAVES, Ph.B., *Computer.†*
 GRACE ISABEL MALTMAN, A.B., *Stenographer.†*
 MARY FRANCES WENTWORTH, *Stenographer.‡*

Investigation conducted by grant of the Carnegie Institution, under the direction of Professor Hale.

LOUISE WARE, A.B., *Stellar Parallaxes.*

OSCAR F. ROMARE, *Instrument Maker.*

FRANK R. SULLIVAN, *Engineer in Charge of
40-inch Telescopes.*

HERBERT L. SOLYOM, S.M. (U. S. Weather Bureau), *Volunteer Research Assistant (1905-6).*

THE OBSERVATORY

The Yerkes Observatory was founded in 1892, through the munificence of the late Charles T. Yerkes, of Chicago. Its principal instrument is a refracting telescope of 40 inches' aperture, which is provided with a micrometer, a photometer, an attachment for direct photography of celestial objects, a stellar spectrograph, a solar spectrograph, and a spectro-heliograph.

The construction of the main building of the Observatory was completed in 1897. Its form is that of a Latin cross, with three domes and a meridian-room at the extremities. The principal axis of the building is about 330 feet long, with the dome for the 40-inch telescope at the western end. This dome is 90 feet in diameter, allowing ample space for the tube of the great telescope, which, with its attachments, is nearly 70 feet long. The elevating-floor of the observing-room is 75 feet in diameter, and is movable through a range of 23 feet by means of electric motors.

One of the two smaller domes contains the 12-inch telescope formerly at the Kenwood Observatory, and in the other is mounted a 24-inch reflector. Between these domes is the heliostat room, 100 feet long by 12 feet wide.

The body of the building contains offices and computing-rooms, a library, lecture-room, photographic laboratory, dark-rooms, chemical laboratory, instrument rooms, etc. In the basement are photographic rooms, a room containing a large concave grating spectroscope, spectroscopic laboratory, optical shop, and machine shops. The engines, dynamos, and boilers for supplying heat and power are in the powerhouse at a distance of several hundred feet from the Observatory.

Much of the special apparatus needed for the researches conducted at the Observatory has been constructed in the well-equipped shops in the basement.

The Bruce Photographic Telescope, having two photographic doublets of 10 and 6 inches' aperture,

* On leave of absence (1905-6).

† To January, 1906.

‡ From January, 1905.

with a guiding telescope of 5 inches' aperture, occupies a separate building near the Observatory.

The Observatory is situated one mile from the town of Williams Bay, on Lake Geneva, Wisconsin, in an ideal rural region, free from the dust and smoke of cities, and removed from the tremors of railroad traffic. Williams Bay is seventy-six miles from Chicago, and is reached by the Chicago & Northwestern Railway.

OPPORTUNITIES FOR STUDENTS

Advanced students in Astronomy and Astrophysics are offered opportunity to profit as far as possible by the instrumental facilities of the Yerkes Observatory. Those who are qualified for such work take part in the investigations in progress at the Observatory. As soon as capacity for original research has been sufficiently developed, students are encouraged to undertake investigations of their own.

SPECIAL INVESTIGATORS

The facilities employed at the Yerkes Observatory for the prosecution of special researches in various fields of Astronomy and Astrophysics are in some cases of an exceptional nature. It has accordingly been felt that, so far as this can be done without interfering with the regular work of the members of the staff, opportunity should be given to men of science connected with other institutions to carry on special investigations at the Observatory. The Director has been authorized to extend invitations to undertake such special work to those who may seem likely to make good use of the opportunities thus afforded.

VOLUNTEER RESEARCH ASSISTANTS

It may not infrequently be the case that students who have taken higher degrees in Astronomy, Astrophysics, or Physics, or have completed advanced studies in these subjects at the University of Chicago or some other institution, will find it to their advantage to spend some time at the Yerkes Observatory, in order to familiarize themselves with its work. To meet this need the position of Volunteer Research Assistant has been established. Those who are appointed to this position are expected to carry on such work as may be assigned to them during their connection with the Observatory. They receive no pay for their services, but are given every reasonable opportunity to become acquainted with the investigations in progress, and in some cases to conduct researches of their own.

PUBLICATIONS OF THE OBSERVATORY

The work of the Observatory is at present principally published in the *Publications of the Yerkes Observatory*, in the form of quarto volumes containing detailed accounts of special researches; and in the *Astrophysical Journal*, edited by the Director of the Yerkes Observatory, with the assistance of eminent scientists, and published by the University of Chicago Press.

OBSERVATORY LIBRARY

The library contains sets of many of the astronomical periodicals, charts, star catalogues, annals of observatories, and numerous general works.

THE WALKER MUSEUM

THOMAS CHROWDER CHAMBERLIN, *Director*

The Walker Museum is located in a fireproof structure provided through the munificence of Mr. George C. Walker. The collections are estimated to embrace between 400,000 and 500,000 specimens.

The general geological collection contains material illustrating structural phenomena and the modes of action of dynamic agencies; that of fossils includes a systematic series arranged on a stratigraphic basis, illustrating the successive faunas and floras; that of illustrative geographical material embraces a large series of models, maps, and photographs, illustrating the topography and geology of various countries; that of economic Geology embraces a large series of ores and other mining products, representing the leading mining districts of the United States and of many foreign countries; that of Mineralogy contains a sys-

tematic series of minerals arranged for the illustration of lectures and for public exhibition. There is also on exhibition the private collection of Mr. W. C. E. Seeboeck; that of Petrography embraces igneous, sedimentary, and metamorphic rocks in systematic series, together with special collections of volcanic rocks from a number of localities in western America.

The anthropological collection contains a considerable quantity of ethnographic and archæologic material. In addition to this the following collections are on deposit and furnish material for study: The Ryerson Collection in Mexican Archæology, numbering more than 3,000 pieces. The Ryerson Collection from the Cliff-Dwellings and Cave-Houses of Utah; this is accompanied by a series of photographs which add much to its educational value. These two

collections are deposited by Mr. Martin A. Ryerson. The Fulcomer Collection from the Aleutian Islands and the northwest coast, illustrating the Ethnography of the Eskimos, the Aleuts, and their neighbors. It is deposited by Miss Anna Fulcomer. The Clement Collection from Japan, containing art work in lacquer and porcelain, and an interesting series of articles used in the curious Doll's Festival. It is deposited by Professor E. W. Clement, of Tokio, Japan. The International Folk-Lore Association Collection, including masks, games, religious objects, and a large series of the wooden dolls made by the Moki Indians of Arizona and described by Dr. J. Walter Fewkes. The collection was made by Mrs. Helen W. Bassett and transferred by her to the association.

The investigative Paleontologic Collection of Invertebrates contains a large amount of choice material, especially from the Paleozoic rocks of the Mississippi basin, and includes a large number of type-specimens. The Gurley Collection, which forms the nucleus of this collection, was one of the largest and most valuable private collections of fossils in America. Other

important collections, which have become the property of the Museum, are the James Collection, the Washburn Collection, the Krantz Collection, the Weller Collection, the Sampson Collection, the Faber Collection, the Bassler Collection of Bryozoa, and the Van Horne Collection. The last of these is of especial interest because it consists largely of material from the local Niagaran formation of northeastern Illinois and southeastern Wisconsin.

The collections of vertebrate fossils include extensive series of the American Permian reptiles, Triassic reptiles and amphibians, Niobrara Cretaceous birds, reptiles, and fishes, with a considerable material from the Laramie Cretaceous and White River Oligocene. Field parties during the past two years have added numerous valuable and new forms available for investigative study.

The collections of Invertebrate Paleontology have been increased by donations during the year from Mr. C. J. Posey, Dr. F. H. Calhoun, Mr. C. E. Monroe, Dr. George H. Girty, and Mr. R. S. Bassler, and by material collected by Assistant Professor Stuart Weller and Mr. E. DeK. Leffingwell.

THE HASKELL ORIENTAL MUSEUM

JAMES HENRY BREASTED, *Director*
EDGAR JOHNSON GOODSPEED, *Assistant Director*

THE BUILDING

The Haskell Oriental Museum is a fireproof stone structure of three stories and basement, erected through the generosity of Mrs. Caroline E. Haskell by a gift of \$100,000 as a memorial to her husband Mr. Frederick Haskell. Besides the offices on the first floor temporarily occupied for general purposes, and a large library room on the top floor, it contains a series of large and well-lighted rooms for the installation and exhibition of museum materials.

The collections occupy chiefly the second floor. In the not distant future they will be augmented by the discoveries from the expeditions of the University in the Orient. They embrace the following:

THE BIBLICAL COLLECTION

includes relief maps, wall maps, and the materials furnished by the Palestine Exploration Fund; casts of the accessible monuments, like the Moabite stone, the Siloam inscription, the Greek tablet from the temple mount, etc.; a series of over nine hundred oriental photographs of Palestine and countries of the eastern Mediterranean basin. As rapidly as possible, all original matter illustrative of oriental life, ancient and modern, is being collected and installed.

THE COMPARATIVE-RELIGION COLLECTION

The Department of Comparative Religion has a large loan collection of cultus-implements illustrative of Japanese Shinto and Buddhism, and of Hinduism, made, during a long residence in the East, by Dr. E. Buckley, a Docent in the University. The chief characteristic of the collection is its inclusion of the smaller cultus-implements, which are usually neglected in favor of more artistically effective idols. This Shinto collection is both complete and unique. The Musée Guimet at Paris, and the Pitt-Rivers Museum at Oxford, each contains only a few Shinto articles, while no other, except possibly the Leiden Museum, contains any at all. The entire collection numbers about four hundred articles. Six antique Indian paintings from Calcutta were given by Mr. Martin A. Ryerson.

THE ASSYRIAN COLLECTION

is made up of a fine series of casts, including the better known monuments of Assyria, chiefly from originals in the British Museum. The material is comprehensive enough for the student to learn the reading of texts from the monuments and tablets themselves, as well as to illustrate the principles of Assyrian art. The Museum has also a collection of original documents numbering about one thousand.

THE EGYPTIAN COLLECTION

This is the largest collection in the Museum, embracing some five thousand original monuments, either written or material documents, from all the great epochs of Egyptian history and archaeology. They have come chiefly from the excavations of Petrie, Quibell, and Naville, besides a collection made in the Nile valley for the University by the Director in 1894-5. Most notable is the entire series of ancient oriental weights collected by the Egypt Exploration Fund, embracing about two thousand specimens of great beauty in basalt, syenite, limestone, bronze, etc. They are mostly Egyptian, but a large percentage is also Assyrian, Phœnician, and Greek. They come chiefly from Naukratis and Defenneh.

The Museum is in constant connection with the field, and receives accessions from the excavations of each winter in Egypt. It is hoped that the University Expeditions may also contribute to this collection.

A large series of casts, especially bas-reliefs from the Old Empire, well represent the monumental materials in the foreign museums. Beside these, the Museum possesses a collection of photographs, nearly twelve hundred in number, illustrating Egypt and its

remains still *in situ*, as well as the chief antiquities of the museums of Gizeh, Berlin, London, Paris, Florence, and the Bibliothèque Nationale.

THE ORIENTAL EXPLORATION FUND

General Director, WILLIAM RAINY HARPER.*

Director for Assyro-Babylonia, ROBERT FRANCIS HARPER.

Director for Egypt, JAMES HENRY BREASTED.

Director for Syria and Palestine, JAMES RICHARD JEWETT.

Secretary, IRA MAURICE PRICE.

Treasurer, CHARLES L. HUTCHINSON.

This enterprise was organized by the University of Chicago in 1903, and a substantial gift of money by one of the University's friends in July, of that year, rendered certain the continuance of the work for at least ten years. The Fund has had a successful expedition carrying on excavations in Babylonia at Bismya (ancient Adab) for two seasons (1903-5). In 1906 the work was transferred to Egypt. The field in which it hopes to operate is confined to hither Asia and Egypt, where it purposes to put forth every effort to discover, record, and preserve the fast-perishing remains of ancient civilizations.

THE HULL BIOLOGICAL LABORATORIES

DIRECTORS

CHARLES OTIS WHITMAN, *Director of the Zoological Laboratory.*

Director of the Anatomical Laboratory.

GEORGE NEIL STEWART, *Director of the Physiological Laboratory.*

JOHN MERLE COULTER, *Director of the Botanical Laboratory.*

THE BUILDINGS

On December 14, 1895, Miss Helen Culver, of the city of Chicago, presented the University of Chicago with property valued at one million dollars. The purpose of the gift is indicated by the donor as follows: "The whole gift shall be devoted to the increase and spread of knowledge within the field of the biological sciences. By this I mean to provide: (1) That the gift shall develop the work now represented in the several biological departments of the University of Chicago, by the expansion of their present resources. (2) That it shall be applied in part to an inland experimental station, and to a marine biological laboratory. (3) That a portion of the instruction supported by this gift shall take the form of University extension lectures to be delivered by recognized authorities at suitable

points on the west side of Chicago. These lectures shall communicate, in form as free from technicalities as possible, the results of biological research. One purpose of these lectures shall be to make public the advances of science in sanitation and hygiene.

"To secure the above ends a portion not to exceed one-half the capital sum thus given may be used for the purchase of land, for equipment, and for the erection of buildings. The remainder, or not less than one-half the capital sum, shall be invested, and the income therefrom shall constitute a fund for the support of research, instruction, and publication."

From this fund there have been erected, at the north end of the University grounds, four buildings to serve as laboratories for the Anatomical, Botani-

* Died January 10, 1906.

cal, Physiological, and Zoological Sciences. Medical instruction is given in the Anatomical, Physiological, and Zoological Laboratories.

THE ZOOLOGICAL LABORATORY

The Zoological Laboratory is 120 by 50 feet, and four stories high, exclusive of the basement. On the first floor are located the library of the biological departments, a synoptical museum, a large laboratory for elementary Zoology, and a laboratory for research work in Pathology. The second floor contains one large laboratory for beginners in research, and a number of smaller laboratories for more advanced work. The third floor contains three large laboratories for comparative Anatomy and Embryology, and a number of rooms for research. The fourth floor is devoted to the laboratories of Bacteriology, which are supplied with sterilizers, incubators, special microscopes, and other bacteriological apparatus, and are furnished with tables for microscopical work and for the usual laboratory manipulations. The basement contains one large room with glass-covered extension on the south side, designed for an aquarium; two rooms for use as aviaries, vivaria, etc.; one room for paleontological material; and one for taxidermy and museum purposes. The best optical and other apparatus demanded by zoological work are provided. There are series of models and charts illustrating embryological and morphological subjects, and ample facilities for keeping land and aquatic animals under favorable conditions for study.

THE ANATOMICAL LABORATORY

The Anatomical Laboratory is 120 by 50 feet, and four stories high, exclusive of the basement and attic, and was constructed to provide for Anatomy, both gross and microscopic, including Neurology. In the basement are special rooms for keeping frogs and similar animals at low temperatures, a bone-room, a cold-storage room for anatomical material, and a crematory. The first floor is occupied by three large laboratories for microscopic work (Histology, Microscopic Anatomy, Neurology, and Pathology), and a large photographic room containing a stone pier and connected with a dark-room. On the second floor there are an additional room for general class work in microscopic branches, a lecture-room, and an osteological laboratory. Here, too, are located the laboratories of the staff in Neurology and a laboratory for advanced work and original research in Neurology. On the third and fourth floors are situated the dissecting-rooms for Human Anatomy, the private laboratories for instructors and research workers, and two laboratories for the making of special preparations.

In the attic there is a well-lighted operating room adjoining a large animal room; in addition, several storerooms are situated here. The laboratories are well equipped for work in gross and microscopic Anatomy and in Pathology, and especial facilities are afforded for advanced work and original research.

THE PHYSIOLOGICAL LABORATORY

The Physiological Laboratory is 102 by 52 feet and four stories high, exclusive of the basement and attic. The basement contains a cold-storage room, aquarium room, an animal room, dark-room, and storerooms. It is connected with the greenhouse of the laboratory. The first floor contains general laboratories for beginners, a shop, a storeroom, a lecture-room, and a photographic room. The second floor contains a large lecture-room with preparation room and storeroom, the departmental library, an optical room, two dark-rooms, and a private laboratory. The third floor contains two laboratories for advanced workers in Physiology, a laboratory for beginners in Physiological Chemistry and Pharmacology, a balance-room, and several smaller rooms for work in Physiological Chemistry and Pharmacology. The fourth floor contains two rooms with cages for animals and two operating rooms. In addition, two laboratories for work in Physiological Chemistry and Pharmacology, a combustion room, and a room for work in gas analysis. The laboratories are well equipped both for general instruction in Physiology, Physiological Chemistry, and Pharmacology, and for advanced and research work in these sciences.

THE BOTANICAL LABORATORY

The Botanical Laboratory is a building 102 by 52 feet, four stories high, with basement, and roof greenhouse.

The basement contains rooms for the preparation of material, and for general storage.

The first floor contains the general lecture-hall, one general laboratory for elementary work, offices, and the general storerooms of the Biological Departments.

The second floor contains three laboratories for work in the Morphology of seed plants, three private research-rooms, two offices, and a clubroom.

The third floor is arranged for work in the Morphology of cryptogams, and in Ecology, containing three laboratories, and eight private research-rooms.

The fourth floor is used for plant physiology, with two general laboratories, accommodating thirty-two students, photographic and physiological dark-rooms, workshop, two research-rooms, and a storeroom.

The roof greenhouse is intended for experimental work in connection with the physiological laboratories. It also serves to furnish material for the morphological laboratories.

A limited amount of ground for experimental work has been secured.

THE UNIVERSITY PRESS *

ORGANIZATION AND SCOPE

The University Press constitutes one of the five Divisions of the University. It is organized primarily to print and publish scientific and educational books, monographs, and journals, the scope of its activities being defined by a constitution adopted by the Board of Trustees. In general, the lines of its work are as follows: manufacturing and publishing books and journals; retailing textbooks and supplies; and purchasing books for the libraries and supplies for the Departments of the University. The management of the Press is in the hands of a Director appointed by the Board of Trustees, while the general administration is in charge of a Board appointed by the Trustees from members of the Faculties.

The manufacturing plant is equipped to do all kinds of printing and bookmaking. In the composing-room, apart from the common fonts of book and job type for hand composition, Lanston monotype and Mergenthaler linotype machines are employed. Assortments of accents, mathematical and astronomical signs, and fonts of Greek, Syriac, Arabic, Hebrew, and Ethiopic type are a part of the mechanical equipment. The press-rooms contain job and cylinder presses, and the bindery is equipped with the necessary machinery for the production of first-class book work.

The scope of the Publication Department includes the business management of the various departmental journals, the publication of books and pamphlets, and the distribution of all official documents of the University. A catalogue is issued which gives detailed information regarding all publications. The list of book titles now numbers about 375, and fourteen journals are issued at regular intervals. Many important publications have been issued as departmental series. Among these may be mentioned: Contributions to Philosophy; Contributions to Education; Studies in Classical Philology; Germanic Studies; English Studies; Historical and Linguistic Studies in Literature Related to the New Testament; Economic Studies; Bulletins of Anthropology; Divinity Studies; Contributions from Walker Museum; Bulletins of the Yerkes Observatory; and the Decennial Publications. The volumes of the latter are issued in two parts, those of the first part being quarto and ten in number, each article appearing as a reprint in paper binding. The second includes eighteen octavo volumes.

The journals published by the University Press are as follows:

- The *Biblical World*, monthly.
- The *School Review*, monthly except July and August.
- The *Elementary School Teacher*, monthly except July and August.
- The *Botanical Gazette*, monthly.
- The *Astrophysical Journal*, monthly except February and August.
- The *Journal of Geology*, semi-quarterly.
- The *American Journal of Sociology*, bi-monthly.
- The *Journal of Political Economy*, monthly except August and September.
- The *American Journal of Theology*, quarterly.
- The *American Journal of Semitic Languages and Literatures*, quarterly.
- Classical Philology*, quarterly.
- Classical Journal*, eight times a year.
- Modern Philology*, quarterly.

OFFICIAL PUBLICATIONS

The list of official publications is as follows:

- The *University Record*.
- The *Weekly Calendar*.
- The *Annual Register*.

FEBRUARY†

- Circular of Information*, Divinity School.
- Bulletin of Information*, Lecture Study.
- Announcements*, Summer Quarter.

MARCH

- Circular of Information*, Graduate Schools.
- Bulletin of Information*, School of Education, Summer Quarter.
- Announcements*.

APRIL

- Circular of Information*, Colleges.
- Bulletin of Information*, School of Education.
- Announcements*, Law School.

MAY

- Circular of Information*, Medicine.
- Announcements*, Open Lectures.

JUNE

- Announcements*, Correspondence-Study.
- Bulletin of Information*, Institute of Sacred Literature.

* For the Administrative Board of the University Press, see p. 42.

† This schedule is subject to change only by vote of the University Council.

THE ACADEMY OF THE UNIVERSITY OF CHICAGO, FOR BOYS

MORGAN PARK, ILL.

THE FACULTY

HARRY PRATT JUDSON, A.M., LL.D., *Acting President of the University.*
FRANKLIN WINSLOW JOHNSON, A.M., *Principal of the Academy.*
WAYLAND JOHNSON CHASE, A.M., *Dean, and Assistant Professor of History.*
ISAAC BRONSON BURGESS, A.M., *Professor of Latin.*
FRANK MELVILLE BRONSON, A.M., *Assistant Professor of Greek.*
HARRY DELMONT ABELLS, S.B., *Instructor in Physics and Chemistry.*
ARTHUR WILLIS LEONARD, A.B., *Instructor in English.*
ERNEST AUGUST WREIDT, A.B., *Instructor in Mathematics.*
JOSEPH MADISON SNIFFEN, A.B., *Assistant in Botany and Physiography.*
JOHN THOMAS LISTER, A.B., *Assistant in German and French.*
JAMES CLAUD BAIRD, A.B., *Assistant in Manual Training.*
TILDEN HENDRICKS STEARNS, A.B., *Assistant in Physical Training.*
BERTRAM GRIFFITH NELSON, A.B., *Assistant in Public Speaking.*
SARAH ELLEN MILLS, *Librarian.*

GENERAL INFORMATION

SITUATION, BUILDINGS, AND GROUNDS

The Academy is situated at Morgan Park, on the line of the Chicago, Rock Island & Pacific, and the Chicago Terminal railroads, about thirteen miles south from the center of the city, and eight southwest from the University site. It is also connected with the city by the Chicago Southern Electric Traction Company.

The buildings of the Academy, all of which are constructed of brick and stone, are as follows: Blake Hall, which contains the chapel, the recitation rooms, and the administrative offices; the George C. Walker Library, containing 6,000 well-chosen volumes, and having also a reading-room well furnished with current literature; the Science Laboratory, with two lecture-rooms. The Gymnasium, which contains a large room 100 feet by 70 feet, with high roof and earth floor, equipped for baseball practice, basket-ball, hand-ball, running and jumping, and other indoor

sports; an apparatus room, 70 feet by 45 feet, fully equipped; locker and dressing-room with shower and tub baths; a pair of first-class bowling alleys; boxing-room, trophy-room, and offices of the physical director. Morgan Hall, West Hall, and East Hall, the dormitories, providing accommodations for one hundred and seventy students. The rooms in these are steam heated and well lighted and, varying as to size, are all of them sufficiently large for comfort. In East Hall is the dining-room of the Academy Commons.

Adjacent to East and West Halls and to the site of the gymnasium is the athletic field of eight acres. This is thoroughly drained and has been graded to a perfect level, and around the edge of the oval an excellent bicycle and training-track one-fifth of a mile in length has been laid. It offers the best of facilities for football, baseball, and other outdoor sports. Five excellent clay tennis courts are also provided.

ADMISSION

Applicants for admission to the Academy must bring from schools most recently attended certificates of work done. These certificates must show explicitly both the amount and the character of the previous work, as these will be important in determining the entrance status of the new students.

The two days preceding the regular opening of school will be devoted to ascertaining the character, purpose, and attainments of new pupils, and to this end both oral and written recitations and conferences in and out of the classroom will be employed.

THE CURRICULUM

The Academy offers three courses of study based upon the requirements for the degrees of A.B., Ph.B., and S.B. at the University of Chicago. The A.B. course contains four years of Latin, one year of History, three years of Mathematics, three years of English, one year of French or German, one year of Physics, three years of Greek.

In the Ph.B. group, two years of German or French and one year of History are substituted for the three years of Greek in the A.B. group. In the S.B. group there are substituted for the Greek of the A.B. two years of German or French and one year of Science; and, in addition, two years of Science may be substituted for two years of Latin, this course thus offering either four years of Science and two of Latin, or two of Science and four of Latin.

Four years are required to prepare for the best colleges by students well grounded in the common English branches, and five years by those whose grammar-school education is defective. To supply defects in previous preparation, classes are formed in English Grammar and Composition and in Arithmetic for the Autumn Quarter. Delinquent students of the first-year class are thus prepared to begin Latin and Algebra at the opening of the Winter Quarter.

Manual Training.—A course in Manual Training is included in the curriculum, not with the purpose

of fitting for a trade, but because of its general educational value. It is so planned as to cover two years of work, and includes shop-work and freehand and mechanical drawing. The work is largely individual, and begins with each pupil at that point to which he has progressed in previous work. It is at present an elective course, not being included in any of the three groups mentioned above.

Bible Study.—Five courses are offered in the study of the Bible, and every pupil is required to take one course. The study is literary, historical, and ethical, dealing with the great essentials, but avoiding controverted matters. The methods employed are those of the regular classroom.

Public Speaking.—An elective course is given in this subject once a week throughout the year. The principles of vocal expression are studied and applied, the students of the course being required to speak at each recitation, with the object of developing direct, earnest, and self-possessioned utterance.

Physical Culture.—The school provides gymnasium advantages and a competent gymnasium instructor. Regular class work in the gymnasium is required of all. This is not considered merely as exercise, but rather as an indispensable part of a proper system of education.

EXPENSES

The fee is \$40 a Quarter. There is an additional laboratory fee for students taking the courses in science, as follows: in Chemistry, \$3 per Quarter; in Physics, \$1.50 per Quarter, in Botany, \$1 per Quarter.

The general expenses of the student fairly approximate to some one of the following estimates: \$280, \$400, and \$500. The elements of cost on which the variations depend are (a) room rent, which varies

from \$6 per Quarter for a small single room to \$60 for a two-room suite; (b) board, which is furnished in the Academy Commons at \$48 per Quarter, and at the Students' Boarding Club at \$30; and (c) sundry expenses, which would include laundry, books, and stationery and other incidentals, and may vary from \$30 to \$70 for the year.

SCHOLARSHIPS

1. **Academy Scholarships.**—The Academy at present offers fifteen full Scholarships and fifteen half Scholarships, in addition to the Walker Scholarships (see 2 below). The full Scholarships are equivalent in amount to the tuition; the half Scholarships, to half the tuition. To those who need them these Scholarships are granted solely on the ground of merit.

2. **Walker Scholarships for residents of Morgan Park.**—Mr. George C. Walker has provided, in addition to the above, five full and ten half Scholarships for the children of residents of Morgan Park. These Scholarships are awarded on the same basis as the Academy Scholarships, except that they are assigned without regard to financial need.

Scholarships are awarded, as vacancies occur, at the end of each Quarter, and terminate January 1 of each

year. A Scholarship may be withdrawn at any time in case of unsatisfactory standing or conduct.

The term "Scholar" is applied both to those who receive a remission of tuition for excellent work and also to all others of equal rank.

3. **Scholarships for success in public debate.**—There has always been in the school much interest in debate, and for the last three years this general interest has been quickened through the Inter-Academic Debating League. To recognize the value of this sort of training, and to stimulate and encourage interest in it, three full Scholarships, to be enjoyed for a year, are given to three students who win in competitive debate the right to represent the Academy in the Inter-Academic contests, and to a fourth student, the alternate, a full Scholarship for one Quarter is awarded.

RELATIONS OF THE UNIVERSITY WITH SECONDARY SCHOOLS AND COLLEGES *

The University desires to promote such correlation of primary, secondary, and collegiate work that the utmost economy of educational effort may be attained. With this end in view, the University attempts to arrange for systematic and intimate relations with preparatory schools and colleges which share the same

purpose. The types of relationship possible vary with the circumstances of institutions. In general, they may be classed under the two terms, *affiliation* and *co-operation*. The explanations which follow show the general features of the two types of relation.

I. THE AFFILIATED RELATION

Four forms of affiliation are possible:

1. *Organic membership in the University.*—The affiliated institution in this relation is treated as a department of the University. It has its own Dean and Faculty, and is governed by regulations prescribed by the competent University authorities.

2. *Semi-organic union with the University.*—A stipulated number of representatives of the University are members of the Board of Trustees of the institution affiliated. Under this arrangement the University assumes no financial responsibility, but

through its representatives the University shares in the administration of the affiliated institution.

3. *Alliance between the University and completely independent institutions.*—Under the terms of the alliance, the trustees of the affiliated institutions permit administration of the educational policy by the faculty in co-operation with the Faculty of the University, subject to restrictions adopted by the trustees of both institutions in the terms of agreement.

4. *Tentative affiliation,* for the purpose of learning by experiment whether affiliation of the second or third form will be reciprocally advantageous.

II. THE CO-OPERATIVE RELATION

In the co-operative relation, the University has no right to advise with reference to the appointment and dismissal of teachers. This detail indicates the general nature of the difference between affiliation and co-operation. In the latter case consultation upon standards and plans of work is the essential. The extent to which such consultation is mutually desirable must be discovered by experience. The lines along which the University is at present seeking to promote co-operation with colleges may be indicated as follows:

CO-OPERATION WITH COLLEGES

Specialization in the departments of the University has virtually founded many schools of investigation, in place of the single instructor, or the limited number of instructors, who represent departments in the greater number of colleges. The force of investigators in a single department in the University constitutes a group of specialists to whom isolated instructors in the same subject naturally look for assistance and leadership.

Since instructors in numerous colleges have voluntarily associated themselves with various departments of the University, it seems wise to encourage and to invite more general co-operation, with a view to corre-

lation of undergraduate instruction according to plans and standards accepted by the University. Heads of departments in colleges are accordingly urged to visit the department in the University corresponding with their own; to become acquainted with methods of instruction and investigation in the University, and to confer with the members of the University department with a view to co-ordination of the college work with that of the University.

The method of co-operation thus suggested is without formal contract. Its object is to develop uniformity of standard and, as far as possible, substantial similarity of method between courses nominally identical in the colleges of the University and elsewhere. The primary advantage to the University from this relation is in the more uniform preparation of Graduate students for courses in the University. Less important, but, from the administrative point of view, hardly less desirable, is the resulting removal of uncertainty about the value to be assigned to courses pursued in other institutions before entering the Graduate Schools of the University.

The advantage to the college instructor consists primarily in his removal from the professional isolation of which so many college professors are painfully conscious, into active membership of a society devoted

* For the Administrative Board of University Relations, see p. 42.

to the department of investigation in which each member is chiefly interested. The members of the University Faculty are prepared to welcome this form of co-operation, and to give their best effort toward realizing its possibilities.

The advantages to the college, one or more of whose departments are thus unofficially associated with the University, are in kind like those of more complete and official co-operation.

CO-OPERATION WITH SECONDARY SCHOOLS NOT AFFILIATED

1. The University will undertake to visit a limited number of schools with a view to determining whether such schools may have a place in the list of approved schools of the University of Chicago. The formal approval will be granted by the Board of University Relations, upon a joint recommendation of two visiting officers of the University.

2. Graduates of schools thus approved are admitted to the University upon certificates in the various subjects required for admission to the University, each of these certificates to be signed by the principal and by the teacher who gave instruction in that subject.

3. The character of the work of students so admitted to the University will be taken as a further test of the work of the preparatory school, and the records of the first year's work of his new students in college will be sent to each principal.

4. Twenty-five scholarships have been provided for

co-operating schools outside of Chicago, to be assigned to candidates recommended by their principals, in accordance with the excellence of the records which are presented. Each of these scholarships secures to the student tuition for one year (three Quarters) at the University. See p. 61, No. 5 of this *Register*.

5. It is understood that each student admitted upon certificate will pay an inspection fee of \$5 upon matriculation. This fee is distinct from the matriculation fee of \$5.

6. Each year, early in November, there is held at the University a joint conference of all affiliated and co-operating schools, in which all principals and teachers participate. This conference is in part of a general character, and in part departmental.

7. A list of schools accepted by the Board of University Relations is given on pp. 131, 132 of this *Register*.

THE AFFILIATED INSTITUTIONS

I. DES MOINES COLLEGE

(Des Moines, Iowa)

LORAN D. OSBORN, PH.D., President.

JAMES POMEROY STEPHENSON, PH.D., Dean.

Des Moines College was incorporated in 1865. In July, 1892, it became an Affiliated College of the University of Chicago. It is the one institution officially recognized by the Baptists of Iowa, under whose patronage it is conducted.

II. KALAMAZOO COLLEGE

(Kalamazoo, Mich.)

ARTHUR GAYLORD SLOCUM, LL.D., President.

The plan of establishing the Kalamazoo College, or, as it was known in its early days, "The Kalamazoo Literary Institute," originated with Rev. Thomas W. Merrill, a graduate of Waterville College, now Colby College. Hon. Caleb Eldred and others were also actively interested in the foundation and organization of the College. The original charter for "The Michigan and Huron Institute," or, as it was later named, "The Kalamazoo Literary Institute," was

granted April 22, 1833. For a few years following 1837 the school was a "branch" of the University of Michigan. In February, 1855, a college charter of liberal nature was granted by the legislature. By this charter women were granted equal privileges with men, so that Kalamazoo was one of the first coeducational colleges in America.

During the college year, 1895-6, an agreement for mutual advantage was consummated between the College and the University of Chicago. By the terms of this agreement the College is known as a college affiliated with the University of Chicago.

III. JOHN B. STETSON UNIVERSITY

(De Land, Fla.)

LINCOLN HULLEY, A.M., PH.D., President.

CHARLES S. FARRISS, A.B., D.D., Vice-President.

J. ARCHY SMITH, S.M., Sc.D., Dean.

John B. Stetson University, with a faculty of more than forty members, comprises four colleges and five schools. It has fourteen buildings, a large endowment, and ample facilities, including a beautiful audi-

torium, well-equipped gymnasium, twelve laboratories, several museums, and a large library. It has won a reputation for high academic standards and thorough work. Students' credits are accepted at the University of Chicago, with which Stetson University is affiliated.

Stetson University is located at DeLand, Florida, a hundred miles south of Jacksonville, in a region noted for its attractions during the winter months.

IV. BUTLER COLLEGE

(Indianapolis, Ind.)

WINFRED ERNEST GARRISON, D.B., Ph.D., President.

In the year 1849, it was decided by the Christian churches of Indiana to build an institution of higher education at Indianapolis, under the name of the Northwestern Christian University. A liberal charter from the legislature went into effect January 15, 1850, and the University was formally opened November 1, 1855. In 1873 it was determined to remove to Irvington, and in 1875 instruction of the college classes was begun in the new location. The change in the name of the institution (Northwestern Christian University to Butler University) was made February 23, 1877. By resolution of the Board of Directors, April 8, 1896, the name "Butler College" was adopted in lieu of "Butler University," to designate the undergraduate academic department, which is the only part of the comprehensive plan outlined in the charter that has as yet been realized. The legal name of the corporation, however, remains unchanged.

V. RUSH MEDICAL COLLEGE

(Chicago)

FRANK BILLINGS, S.M., M.D., Dean of the Faculty.

JOHN MILTON DODSON, A.M., M.D., Dean of Students.

JAMES NEVINS HYDE, A.M., M.D., Secretary of the Council of Administration and of the Faculty.

EPHRAIM FLETCHER INGALS, A.M., M.D., Comptroller.

VI. THE FRANCES SHIMER ACADEMY OF THE UNIVERSITY OF CHICAGO

(Mount Carroll, Ill.)

WILLIAM PARKER MCKEE, A.M., D.B., Dean.

The Frances Shimer Academy, while not an integral part of the University, holds an especially close relation to the University. It is the school which, for more than forty years, was known as the Mount

Carroll Seminary. Its founder, Mrs. F. A. W. Shimer, desiring to perpetuate the work of a long life, offered to transfer to the University of Chicago the entire school property with a considerable endowment fund contingent upon her death. In 1896 the property was transferred to a Board of Trustees consisting of fifteen members, representing the University of Chicago, the Alumnae of the Seminary, and the citizens of Mount Carroll.

The relation of the Frances Shimer Academy to the University of Chicago is a double one. In the first place, it is an Affiliated Academy of the University, and as such the work of instruction is under the direct oversight of the University. In the second place, five of the fifteen Trustees are officers of the University.

VII. BRADLEY POLYTECHNIC INSTITUTE

(Peoria, Ill.)

THEODORE CHALON BURGESS, Ph.D., Director.

Bradley Polytechnic Institute was founded in 1897 by Mrs. Lydia Bradley, of Peoria, Ill., who has generously supplied all necessary funds. The Institute is situated at Peoria. The buildings at present are two in number: Bradley Hall, containing classrooms, laboratories, shops, offices, and assembly rooms—in all thirty-eight rooms; and the Horological Building, built and equipped for the work of training watch-makers and jewelers. These two buildings accommodate respectively the two schools of the Institute, viz., the School of Arts and Sciences and the School of Horology.

The School of Arts and Sciences provides a six-year course, including such subjects as are usually taught in academies and in the first two years of college, classified under the following groups—Science, Engineering, Classics, Literature, Mechanic Arts.

The Institute offers special facilities for those who desire Manual Training, Domestic Economy, or Technical Work.

VIII. THE HARVARD SCHOOL

(4670 Lake Avenue, Chicago)

JOHN J. SCHOBINGER, Dean and Principal.

JOHN COWLES GRANT, A.M., LL.D., Dean and Principal.

The Harvard School for Boys is the oldest college preparatory school in Chicago. It was founded in 1867, and has been under its present management for the last thirty years. Its principal work has been the

preparation of boys for college and the scientific schools. All the courses required for preparation for the University of Chicago, as well as for eastern colleges, are offered. The physical and chemical laboratories are adapted to the modern methods of science teaching.

The School consists of a Primary Department and of a Higher Department. The Higher Department has a four-year course and a six-year course, both preparatory to college or scientific school. In the Primary Department, pupils of the youngest school age are received, and prepared for the work of the Higher Department.

Manual Training is begun in the Primary Department and carried on throughout the course.

Physical Culture is a part of the regular work of the School, and is conducted by a special teacher, in a well-equipped gymnasium, and on large athletic grounds, which form part of the School premises.

IX. KENWOOD INSTITUTE

(Chicago)

ELIZABETH FAULKNER, A.B., Dean.

STELLA DYER LORING and ISABEL C. BUCKINGHAM, Principals.

Kenwood Institute, located at No. 40 East Forty seventh Street, has been a college preparatory school for girls since its incorporation in 1886. It became an Affiliated Academy of the University in 1893 under the direction of John C. Grant, Dean, and Annice B. Bradford Butts, Principal. It continued under their guidance until the death of Miss Butts in 1904. Since March 1, 1904, the school has been under its present management. The curriculum includes all the courses preparatory to the University of Chicago, and, as preliminary to these, intermediate, primary, and kindergarten Departments. Students from this school are admitted to all the women's colleges that receive pupils on certificate.

X. WAYLAND ACADEMY

(Beaver Dam, Wis.)

EDWIN PUTNAM BROWN, A.B., Principal.

XI. CULVER MILITARY ACADEMY

(Culver, Ind.)

COLONEL A. F. FLEET, A.M., LL.D., Superintendent.

Culver Military Academy was founded in 1894 by Mr. H. H. Culver, of St. Louis, Mo., with the view of helping the boys of the present day to secure that edu-

cation which would best fit them for college or university, or for an honorable and useful business career. It is located on the northern shore of Lake Maxinkuckee, near the town of Culver, Ind., on the Vandavia Railroad, 84 miles from Chicago and 110 from Indianapolis.

The aim of this Academy is to furnish university preparatory work of a high grade, and to give to all its students thorough individual training in the classroom under judicious and competent instructors, and to combine with this the physical exercise and moral restraint necessary for good health, and the military discipline which develops habits of system, promptness, self-control, and obedience to law, and which makes of the cadet thus trained a successful man and a good citizen.

XII. DEARBORN SEMINARY

(Chicago)

EVELYN MATZ, Ph.B., Principal.

Dearborn Seminary was incorporated in September, 1855, as a school for girls, and is the oldest institution of its kind in Chicago. It was for many years in charge of Mr. Zuinglius Grover, a man who was well known in the educational work of the city. From 1885 until 1899 Mrs. Jennie F. Purington, now a member of the Board of Trustees, was principal of the Seminary. In 1899 the school was reincorporated and became affiliated with the University of Chicago. Its present site, 2252 Calumet Avenue, has been occupied for eighteen years.

The course of study is arranged for complete preparation for college. In addition to the Academic Department there are Intermediate, Primary, and Kindergarten Departments.

XIII. THE UNIVERSITY SCHOOL FOR GIRLS

(Chicago)

ANNA R. HAIRE, A.B., Dean.

The University School for Girls admits pupils in the Academic, Intermediate, Primary, and Kindergarten Departments. The courses of study are planned to meet the entrance requirements of the colleges and universities that admit women. Special courses are also given in Music, Drawing, and Painting, Physical Training, Manual Training, and Cooking. Examinations admitting to the University of Chicago are given at the school. The certificate of the School also admits pupils without entrance examinations to Smith, Vassar, Wellesley, Mount Holyoke, and other colleges.

AFFILIATED AND CO-OPERATING SCHOOLS

AFFILIATED SCHOOLS

ILLINOIS—

Bradley Polytechnic Institute, Peoria; dean, Theodore C. Burgess. Dearborn Seminary, Chicago; dean, Evelyn Mata. Frances Shimer Academy, Mount Carroll; dean, William P. McKee. The Harvard School, Chicago; dean, John J. Schobinger. The Kenwood Institute, Chicago; dean, Elizabeth Faulk-

ner. The University School for Girls, Chicago; dean, Anna R. Haire.

INDIANA—

Culver Military Academy, Culver; dean, Colonel A. F. Fleet.

WISCONSIN—

Wayland Academy, Beaver Dam; dean, Edwin P. Brown.

CO-OPERATING SCHOOLS

The University has established Relations of Co-operation with the following Secondary Schools:

ILLINOIS—

Austin High School, Chicago; principal, George H. Rockwood. Calumet High School, Chicago; principal, A. S. Hall. Crane High and Manual Training School, Chicago; principal, A. R. Robinson. Englewood High School, Chicago; principal, James E. Armstrong. Francis W. Parker School, Chicago; principal, Flora J. Cooke. Hyde Park High School, Chicago; principal, Hiram Loomis. Jefferson High School, Chicago; principal, Charles A. Cook. John Marshall High School, Chicago; principal, L. J. Block. Lake High School, Chicago; principal, Edward F. Stearns. Lake View High School, Chicago; principal, B. F. Buck. Joseph Medill High School, Chicago; principal, Edward C. Rosseter. Northwest Division High School, Chicago; principal, Franklin P. Fiak. Robert A. Waller High School, Chicago; principal, O. S. Westcott. South Chicago High School, Chicago; principal, Charles I. Parker. Wendell Phillips High School, Chicago; principal, Spencer R. Smith. William McKinley High School, Chicago; principal, George M. Clayberg. The University School for Boys, Chicago; principal, E. C. Coulter. The Starrett School for Girls; principal, Mrs. Helen E. Starrett. Alton High School; principal, J. E. Turner. Atlanta High School; principal, Mary Neff. East Side High School, Aurora; principal, C. L. Phelps. West Side High School, Aurora; principal, C. P. Briggs. Beardstown High School; principal, Elva J. Saunders. South Belvidere High School; principal, C. O. Townsend. Bloomington High School; principal, E. L. Boyer. Blue Island High School; principal, J. E. Lemon. Charleston High School; principal, William Wallis. Clinton High School; principal, Martha Hunt. Clyde High School; principal, H. V. Church. Danville High School; principal, E. D. Martin. Decatur High School; principal, S. W. Ehrman. DeKalb High School; principal, F. M. Giles. Northern Illinois State Normal School, DeKalb; president, John W. Cook. Des Plaines High School; principal, W. L. Smyser. Dixon (North Side) High School; principal, Lydia Williamson. Dixon (South Side) High School; principal, B. F. Bullard. DuQuoin High School; principal, M. S. Moore. East St. Louis High School; principal, Charles Manners. Elgin High School; principal, E. J. Kelsey. Elgin Academy; dean, George N. Sleight. Evanston High School; principal, ——. Freeport High School; principal, L. A. Fulwider. Geneseo High School; principal, H. H. Frost. Harvey High School; principal, J. Elmer Cable. Havana High School; principal, Sara E. Pierce. Highland Park (Deerfield Township) High School; principal, Richard L. Sandwick. Hinsdale High School; principal, Mary Macnair. Jacksonville High School; principal, ——. Illinois Woman's College, Jacksonville; president, J. E. Harker. Joliet High School; principal, J. Stanley Brown. Kankakee High School; principal,

La Grange (Lyons Township) High School; principal, E. B. Cole. Kenilworth (New Trier Township) High School; principal, B. D. Parker. Kewanee High School; principal, Arthur D. Brookfield. Ferry Hall Seminary, Lake Forest; principal, Sabra L. Sargent. Lake Forest School for Boys, Lake Forest; principal, J. C. Sloan. La Salle High School; principal, T. J. McCormack. Lincoln High School; principal, I. M. Allen. Macomb High School; principal, Charles E. Lawyer. Western Illinois State Normal School, Macomb; president, J. W. Henninger. Mattoon High School; principal, J. P. Gilbert. Mendota (West Side) High School; principal, Myra J. Howes. Moline High School; principal, F. A. Thomas. Monmouth High School; principal, W. L. Hanson. Morgan Park High School; principal, J. H. Heil. Morris High School, principal, Joseph S. Hunter. Morrison High School; principal, Grace Bushnell. Normal High School; principal, L. F. Fulwider. Oak Park High School; principal, John C. Hanna. Ottawa High School; principal, J. O. Lealie. Peoria High School; principal, A. W. Beasley. Polo High School; principal, Lillian Jose. Pontiac High School; principal, C. E. DeButts. Princeton High School; principal, ——. McGill. Quincy High School; principal, J. E. Pearson. Riverside High School; principal, E. L. Hardy. Rockford High School; principal, E. U. Graff. Rock Island High School; principal, H. E. Brown. Springfield High School; principal, L. M. Castie. St. Charles High School; principal, H. Lavina Moore. Sterling High School; principal, E. T. Austin. Streator High School; principal, E. R. Upton. Sycamore High School; principal, J. M. Adee. Tuscola High School; principal, F. C. Bohannon. Waukegan High School; principal, W. J. Stebbins. Wheaton High School; principal, Ella Gregg.

CALIFORNIA—

Los Angeles High School; principal, W. H. Hough. San Francisco (Girls) High School; principal, Eliaba Brooks. San Francisco (Lowell) High School; principal, Frank Morton.

COLORADO—

Colorado Springs High School; principal, J. C. Richards. Denver (District No. 1; High School) principal, W. H. Smiley. Denver (North Side) High School; principal, Edward L. Brown. Denver (West Side) High School; principal, E. F. Hermanns. Leadville High School; principal, W. M. Parker. Pueblo (Centennial) High School; Principal, John M. Downen. Pueblo (Central) High School; principal, Isora Scott.

GEORGIA—

Atlanta (Girls) High School; principal, Nettie C. Sergeant.

INDIANA—

Anderson High School; principal, J. B. Percy. Auburn High School; principal, J. H. Wagner. Attica High School; prin-

cipal, W. F. Mullinix. Crawfordsville High School; principal, Anna Wilson. Elkhart High School; principal, S. B. McCracken. Evansville High School; principal, J. G. Collicott. Frankfort High School; principal, John J. Mitchell. Fort Wayne High School; principal, Chester T. Lane. Goshen High School; principal, Lillian Michael. Huntington High School; principal, P. C. Emmons. Girls' Classical School, Indianapolis; principal, Mrs. May Wright Sewall. Indianapolis (Manual Training) High School; principal, Charles E. Emmerich. Indianapolis (Shortridge) High School; principal, George W. Benton. Lafayette High School; principal, R. F. Haight. LaPorte High School; principal, F. J. Simma. Ligonier High School; principal, W. A. Baum. Logansport High School; principal, John M. Ashby. Marion High School; principal, V. R. McNight. Michigan City High School; principal, Louis Keeler. Muncie High School; principal, Walter F. Erwin. St. Mary's Academy, Notre Dame; principal, Mother M. Pauline. Richmond High School; principal, D. R. Ellabarger. Kennesaw High School; principal, James H. Gray. South Bend High School; principal, Isaac E. Neff. Terre Haute High School; principal, C. J. Wats. Wabash High School; principal, Adelaide Baylor. Warsaw High School; principal, J. J. Early. Whiting High School; principal, F. W. Schacht.

IOWA—

Cedar Rapids High School; principal, Abbie S. Abbott. Clinton High School; principal, J. S. McCowan. Council Bluffs High School; principal, F. C. Ensign. Davenport High School; principal, William D. Wella. Saint Katherine's Hall, Davenport; The Sisters of St. Mary. Des Moines (East Side) High School; principal, May Goodrell. Des Moines (West Side) High School; principal, William Crainberry. Dubuque High School; principal, Frank L. Smart. Fort Dodge High School; principal, I. N. Warren. Glenwood High School; principal, Katherine Mauthe. Keokuk High School; principal, Jesse Benjamin. Marshalltown High School; principal, Ellis U. Graff. Mason City High School; principal, Esther L. Bisell. Ottumwa High School; principal, J. E. Roberts. Red Oak High School; principal, S. E. Thomas. Sioux City High School; principal, George E. Marshall. Washington High School; principal, Seth Thomas.

KANSAS—

Fort Scott High School; principal, W. C. Lansdon. Kansas City High School; principal, W. C. McCroskey. Leavenworth High School; principal, W. A. Evans. Topeka High School; principal, H. L. Miller.

KENTUCKY—

Louisville (Girls) High School; principal, W. H. Bartholomew. Louisville (Boys) High School; principal, R. P. Halleck.

MAINE—

Coburn Classical Institute, Waterville; principal, ———.

MICHIGAN—

Battle Creek High School; principal, H. D. Nutt. Bay City High School; principal, George R. Swain. Benton Harbor High School; principal, O. G. Marsh. Calumet High School; principal, Edward J. Hall. Detroit (Central) High School; principal, David Mackenzie. Detroit (The Eastern) High School; principal, J. E. Bishop. Detroit (The Western) High School; principal, W. A. Morse. The Detroit Home and Day School; principal, Ella M. Liggett. Grand Rapids (Central) High School; principal, A. J. Volland. Ishpeming High School; principal, May McKittrick. Jackson High School; principal, L. S. Norton. Marquette High School; principal, Albert A. Kienholz. Menominee High School; principal, W. L. German. Michigan Military Academy, Orchard Lake; principal, Lawrence C. Hall. Saginaw (East Side) High School; principal, Webster Cook. Saginaw (West Side) High School; principal, L. B. Austin. St. Joseph High School; principal, Max R. Hodgdon.

MINNESOTA—

Duluth High School; principal, Charles A. Smith. Minneapolis (Central) High School; principal, John N. Greer. Min-

neapolis (East Side) High School; principal, W. F. Webster. Pillsbury Academy (Owatonna); principal, M. B. Price. St. Paul (Central) High School; principal, E. V. Robinson. St. Paul (Cleveland) High School; principal, S. A. Farnsworth. St. Paul (Humboldt) High School; principal, Henry S. Baker. Saint Mary's Hall, Faribault; rector, Rt. Rev. S. C. Edsall. The Shattuck School, Faribault; Rev. James Dobbin. Winona High School; principal, W. A. Bartlett.

MISSOURI—

Blees Military Academy, Macon; superintendent, F. W. Blees. Kansas City (Central) High School; principal, T. I. Cammack. Kansas City (Manual Training) High School; principal, ———. Kansas City (Westport) High School; principal, S. A. Underwood. St. Joseph High School; principal, C. E. Miller. St. Louis (Central) High School; principal, W. J. S. Bryan. William McKinley High School; principal, G. B. Morrison. Yeatman High School; principal, ———.

MONTANA—

Helena High School; principal, William E. Trowbridge.

NEBRASKA—

Omaha High School; principal, A. H. Waterhouse. Brownell Hall, Omaha; dean, Georgiana Humphreys.

NEW YORK—

Buffalo (Masten Park) High School; principal, F. S. Fosdick.

OHIO—

Akron High School; principal, D. C. Rybolt. Canton High School; principal, C. A. Armstrong. Cleveland (Central) High School; principal, Edward L. Harris. Cleveland (East Side) High School; principal, B. U. Rannels. Cleveland (Lincoln) High School; principal, James W. McLane. Cleveland (South) High School; principal, G. A. Reutenik. Columbus (Central) High School; principal, Charles E. Albright. Columbus (East) High School; principal, F. B. Pearson. Columbus (North) High School; principal, C. D. Everett. Dayton (Steele) High School; principal, Charles L. Loos, Jr. Findlay High School; principal, J. F. Smith. Sandusky High School; principal, George L. Dietrich. Toledo (Central) High School; principal, S. F. Ball. Youngstown High School; principal, W. L. Griswold.

PENNSYLVANIA—

Pittsburg (Central) High School; principal, Edward Rynearson. Westtown Boarding School, Westtown; principal, William F. Wickersham.

TEXAS—

Dallas High School; superintendent, J. L. Long. Denison High School; principal, F. B. Hughes. El Paso High School; principal, H. P. Reynolds. Fort Worth High School; principal, W. D. Williams. Galveston High School; principal, ———. Ransom. Houston High School; principal, W. G. Smiley. Sherman High School; principal, B. W. Glasgow.

WASHINGTON—

Seattle High School; principal, ———.

WISCONSIN—

Appleton (Ryan) High School; principal, Ralph W. Pringle. Elkhorn High School; principal, T. J. Jones. Fond du Lac High School; principal, Elizabeth Waters. Grand Rapids High School; principal, ———. Hillside Home School; principals, Ellen and Jane Lloyd-Jones. Janesville High School; principal, H. C. Buell. Kenosha High School; principal, W. J. Hocking. LaCrosse High School; principal, W. E. Hemmenway. Manitowee High School; principal, P. G. W. Kellar. Milwaukee (East Division) High School; principal, George A. Chamberlain. Milwaukee (South Division) High School; principal, Edward Rissman. Milwaukee (West Division) High School; principal, C. E. McLennan. Milwaukee-Downer College; president, Ellen C. Sabin. Oshkosh High School; principal, A. B. O'Neill. Racine High School; principal, E. W. Blackhurst. Sheboygan High School; principal, John S. Roessler. Waukesha High School; principal, H. L. Terry. Carroll College, Waukesha; president, Wilbur F. Carrier, D.D.

RELIGIOUS ORGANIZATION*

Officially the University provides for positive and constructive religious education on the conviction that it is a normal part of education in general, and an element in complete living. Instruction is given on Sunday in the Bible by chosen specialists, and credit is given for this class work. On Sunday morning the University Preacher conducts a public service in Leon Mandel Assembly Hall. Chapel Assemblies are held on Monday for the Junior Colleges, on Tuesday for the Senior Colleges, on Wednesday for the Divinity School, and on Thursday for the Graduate School. Attendance on Monday and Tuesday is required of undergraduates.

The Board of the Christian Union, composed of representatives of the Faculties, the Schools and Colleges, the University Settlement, and the religious organizations of the University, meets monthly to consider matters affecting the religious life of the University. The University Preachers are nominated by this Board.

The Chaplain is specially charged with assisting all the agencies of spiritual life, performs such of the duties of pastor as may be required, holds himself ready for consultations with students, and upon occasion acts as University Preacher.

THE UNIVERSITY PREACHERS

The following is the list of University Preachers for the year beginning with the Summer Quarter, 1905 :

THE SUMMER QUARTER, 1905

- June 18, Rev. Beverly Ellison Warner, D.D., New Orleans, La.
 June 24, President Joseph Henry George, Chicago Theological Seminary.
 July 2, Settlement Sunday. Addresses by Miss Jane Addams, of Hull House, and Miss Mary E. McDowell, of the University Settlement.
 July 9, Rev. Professor Nathaniel Butler.
 July 16, Rev. W. Spurgeon, Cardiff, Wales.
 July 23, Rev. Professor Herbert Lockwood Willett.
 July 30, Rev. Professor Nathaniel Butler.
 Aug. 6, Principal Walter F. Adeney, Lancashire College, Manchester, Eng.
 Aug. 13, Rev. Professor Herbert Lockwood Willett.
 Aug. 20, Rev. Robert Stuart MacArthur, LL.D., New York City.
 Aug. 27, Convocation Sunday. Rev. Professor Graham Taylor, D.D., The Chicago Commons.

THE AUTUMN QUARTER, 1905

- Oct. 8, Settlement Sunday. Addresses by Professors Donaldson, Henderson, and Butler, and Miss Mary E. McDowell.
 Oct. 15, 22, Bishop John Heyl Vincent, LL.D., of the Methodist Episcopal Church.

- Oct. 29, Rev. Hugh Black, Edinburgh.
 Nov. 5, Rev. John Balcom Shaw, D.D., Chicago.
 Nov. 12, 19, 26, President William Douglas MacKenzie, Hartford Theological Seminary.
 Dec. 3, Rev. Frederick E. Dewhurst, D.D., Chicago.
 Dec. 11, 18, Convocation Sunday. Bishop William Fraser MacDowell, of the Methodist Episcopal Church.

THE WINTER QUARTER, 1906

- Jan. 7, Rev. Professor Charles Richmond Henderson.
 Jan. 14, 21, Rev. Lyman Abbott, D.D., New York City.
 Jan. 28, Feb. 4, Rev. Professor William Wallace Fenn, the Harvard Divinity School.
 Feb. 11, Professor Shailer Mathews.
 Feb. 18, Rev. Simon J. MacPherson, of the Lawrenceville School.
 Feb. 25, March 4, 11, Rev. R. P. Johnston, D.D., New York City.
 Mar. 18, Rev. Professor Theodore Gerald Soares.

THE SPRING QUARTER, 1906

- April 8, Rev. Professor Benjamin S. Terry.
 April 15, Rev. Professor Charles Richmond Henderson.
 April 22, Rev. W. C. Bitting, D.D., St. Louis.
 April 29, Rev. Professor George Burman Foster.
 May 6, Rev. Benjamin A. Greene, Evanston, Ill.
 May 13, Professor Richard Greene Moulton.

* For the Administrative Board of the Christian Union, see p. 42.

COURSES IN THE ENGLISH BIBLE

Courses in the English Bible, which are open to students of all Divisions of the University, and for which University credit is given in the Colleges, are offered by the Instructors of the Department of Old Testament Literature and Interpretation and of the Department of New Testament Literature and Interpretation on Sundays at 8:30 A. M. The aim of these courses is to guide the students into a study of the Bible which

shall be at the same time thoroughly scientific and spiritually helpful. During the academic year, 1905-6, the following subjects were discussed:

1. *The History of the Priest System* (Summer), Professor William R. Harper.
2. *The Life of Paul* (Autumn, Winter, Spring), Professor Shailer Mathews.

LECTURES ON THE HASKELL FOUNDATION

The eleventh series of Lectures on the Haskell Foundation was delivered in April, 1906, by Professor Duncan B. Macdonald, A.M., D.B., of Hartford Theological Seminary, on the general subject of "The Religious Attitude and the Religious Life as Developed in Islam." The titles of the lectures were as follows: "The Attitude of the Semites toward the Unseen World; Prophecy as a Semitic Phenomenon—

especially among the Arabs;" "The Muslim Conception of Prophecy and Soothsaying;" "The Muslim Conception of Intercourse with the Unseen World in Sleep;" "Other Means of Intercourse—Wizards, Magic, Talismans; Utilitarianism in Islam;" "Intercourse through the Jinn—Spirits, Demons, Ghosts in Islam;" "Saints and the Ascetic—Ecstatic Life in Islam."

VOLUNTARY ORGANIZATIONS

The students have organized efficient societies for devotional meetings and aggressive religious labor: the Young Women's Christian League, the Young Men's Christian Association, the Evangelistic Band of the

Divinity School, the Brownson Club, and the Brotherhood of St. Andrew. The Philanthropic Committee of the Christian Union conducts a Social Settlement in the city.

THE UNIVERSITY SETTLEMENT

The Board of the University of Chicago Settlement is incorporated and owns a building and lots worth about \$13,000. A new residence, with ample halls and clubrooms, has recently been completed at a cost of about \$30,000. The Board remains the Philanthropic Committee of the Christian Union, and reports to the

Union quarterly. To maintain the work the Board depends upon the voluntary offerings of Faculty, students, and friends of the University. The needs call for about \$300 a month. The new Settlement house and the gymnasium are at 4630 Gross Avenue. The Head Resident is Miss MARY E. McDOWELL.

OFFICIAL AND SEMI-OFFICIAL ORGANIZATIONS

THE FELLOWS CLUB

OFFICERS, 1906-7.

EDGAR FRANCIS RILEY, A.B. (Philosophy), *President*.ROGER MILLER JONES, A.B. (Greek), *Vice-President*.EUGENE BRYAN PATTON, A.B. (Political Economy), *Secretary-Treasurer*.

THE PHILOLOGICAL SOCIETY

All persons giving instruction in the University in any of the languages and all graduate students working in the languages who have been accepted as candidates for the degree of Doctor of Philosophy, are eligible to membership in the Philological Society.

Its officers are Professor William Gardner Hale, President; Professor Starr Willard Cutting, Secretary and Treasurer. The President and Secretary constitute the Programme Committee.

MUSIC

LESTER BARTLETT JONES, A.B., *Associate and Director of Music*

VOLUNTARY COURSES IN MUSIC

Harmony. *History of Music.* *Sight Singing and Voice Training.* *Church Music.*

ORGANIZATIONS

The University Choir.

The University Glee Club.

The Mandolin Club.

The Women's Glee Club.

The University of Chicago

Military Band.

THE ALUMNI ASSOCIATION

PRESIDENT	WILLIAM OTIS WILSON, '97
FIRST VICE-PRESIDENT	LAURA MAY WRIGHT, '98
SECOND VICE-PRESIDENT	HARMON TORRENCE CLENDENNING, '73
THIRD VICE-PRESIDENT	HERBERT EASTON FLEMING, '02
GENERAL SECRETARY	ARTHUR EUGENE BESTOR, '01

EXECUTIVE COMMITTEE

For Term 1903-6

FLORENCE HOLBROOK, '79

ALLEN T. BURNS, '97

MARY E. FREEMAN, '01.

For Term 1904-7

EDGAR A. BUZZELL, '86

MAUDE L. RADFORD, '94

JOHN E. WEBB, '99

For Term 1905-6

EMILY C. THOMPSON, '97

RALPH H. HOBART, '96

ARTHUR E. LORD, '04

OFFICERS OF LOCAL CLUBS

Chicago Alumni Club—ALLEN T. BURNS, '97, *President*; JOHN E. WEBB, '99, *Secretary*.

Chicago Alumnae Club—EMILY C. THOMPSON, '97, *President*; SARA A. JANSON, '00, *Secretary*.

Eastern Alumni Club—PAUL MONROE, Ph.D., '97, *President*; RALPH VORIS, *Secretary*.

New England Alumni Club—FREDERICK D. NICHOLS, '97, *President*; ALBERT R. VAIL, '03, *Secretary*.

The University of Chicago Alumni Club at Harvard—LEO F. WORMSER, '04, *President*; ALBERT R. VAIL, '03, *Secretary*.

DIVINITY SCHOOL ASSOCIATION

THE ALUMNI ASSOCIATION

OFFICERS FOR 1906-1907

PRESIDENT	REUBEN E. MANNING, '74
FIRST VICE-PRESIDENT	J. KITTRIDGE WHEELER, '79
SECOND VICE-PRESIDENT	FRED P. HAGGARD, '89
THIRD VICE-PRESIDENT	WILLIS J. SANBORN, '94
SECRETARY AND TREASURER	IRA M. PRICE, '82

EXECUTIVE COMMITTEE

THEODORE G. SOARES, '97.

JUDSON B. THOMAS, '80.

GEORGE R. WOOD, '92.

THE STUDENTS' ASSOCIATION

This Association gathers into one organization the prominent interests of the Divinity students. Its objects as expressed in the constitution are as follows:

1. To promote the collective as well as the individual spiritual life and activities of the students of the Divinity School.
2. To co-operate with the student work of the University at large.
3. To further all Christian enterprises in the University, the churches, and mission fields.

The Association performs its work through its officers, and administrative committees on Finance, Missions, Athletics, Social Life, and Public Speaking.

THE DIVINITY COUNCIL

The Divinity Council is the representative body of the Divinity students before the Faculty. It has general charge, on the students' side, of all matters pertaining in common to the Faculty and students.

The Council is composed of the officers and chairmen of the several Committees of the Students' Association of the Divinity School.

PART II
COURSES OF INSTRUCTION

THE DEPARTMENTS OF INSTRUCTION

THE SCHOOLS AND COLLEGES OF ARTS, LITERATURE, AND SCIENCE

- | | |
|------------------------------------------------------|------------------------------------------------------------------------|
| I. Philosophy. | XV. The English Language and Literature, and Rhetoric. |
| IA. Psychology. | XVI. General Literature. |
| II. Political Economy. | XVII. Mathematics. |
| III. Political Science. | XVIII. Astronomy and Astrophysics. |
| IV. History. | XIX. Physics. |
| V. The History of Art. | XX. Chemistry. |
| VI. Sociology and Anthropology. | XXI. Geology. |
| VI A. Household Administration. | XXIA. Geography. |
| VII. Comparative Religion. | XXII. Zoology. |
| VIII. The Semitic Languages and Literatures. | XXIII. Anatomy. |
| IX. Biblical and Patristic Greek. | XXIV. Physiology (including Physiological Chemistry and Pharmacology). |
| X. Sanskrit and Indo-European Comparative Philology. | XXVI. Palæontology. |
| XI. The Greek Language and Literature. | XXVII. Botany. |
| XII. The Latin Language and Literature. | XXVIII. Pathology and Bacteriology. |
| XIII. The Romance Languages and Literatures. | XXXI. Public Speaking. |
| XIV. The Germanic Languages and Literatures. | XXXII. Physical Culture and Athletics. |
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THE DIVINITY SCHOOL

THE GRADUATE DIVINITY SCHOOL:

- XLI. Old Testament Literature and Interpretation.
- XLII. New Testament Literature and Interpretation.
- XLIII. Biblical Theology.
- XLIV. Systematic Theology.
- XLV. Church History.
- XLVI. Homiletics and Pastoral Duties.

THE DANO-NORWEGIAN THEOLOGICAL SEMINARY:

- L. Old and New Testament Literature and Interpretation.
- LI. Systematic Theology.

- LII. Homiletics, Church Polity, and Pastoral Duties.
- LIII. Church History.

THE SWEDISH THEOLOGICAL SEMINARY:

- LV. Old and New Testament Literature and Interpretation.
- LVI. Systematic Theology.
- LVII. Church History.
- LVIII. Homiletics, Church Polity, and Pastoral Duties.

- LXI. The Disciples' Divinity House.
- LXII. The Cumberland Presbyterian Divinity House.

THE SCHOOLS AND COLLEGES OF ARTS, LITERATURE, AND SCIENCE

I. THE DEPARTMENT OF PHILOSOPHY

OFFICERS OF INSTRUCTION

JAMES HAYDEN TUFTS, PH.D., LL.D., *Professor and Head of the Department of Philosophy.*

NATHANIEL BUTLER, A.M., D.D., LL.D., *Professor of Education.*

GEORGE HERBERT MEAD, A.B., *Associate Professor of Philosophy.*

WILLIAM BISHOP OWEN, PH.D., *Associate Professor of Education.*

ADDISON WEBSTER MOORE, PH.D., *Associate Professor of Philosophy.*

WILLARD CLARK GORE, PH.D., *Assistant Professor of Psychology.*

EDWARD SCRIBNER AMES, PH.D., *Instructor in Philosophy.*

JOHN MASON TYLER, PH.D., *Professor of Biology, Amherst College, Lecturer on Education (Summer Quarter, 1906).*

JAMES MARK BALDWIN, PH.D., LL.D., *Head of the Department of Philosophy and Psychology, Johns Hopkins University (Summer Quarter, 1906).*

JAMES H. VAN SICKLE, A.M., *Superintendent of Schools, Baltimore, Md., Lecturer on Education (Summer Quarter, 1906).*

EDWARD OCTAVIUS SISSON, PH.D., *University of Illinois, Lecturer on Education (Summer Quarter, 1906).*

DANIEL PETER MACMILLAN, PH.D., *Director of Child-Study in Chicago Public Schools, Lecturer on Education (Summer Quarter, 1906).*

IRVING KING, PH.D., *Pratt Institute, Lecturer on Education (Summer Quarter, 1906).*

INSTRUCTORS IN OTHER DEPARTMENTS OFFERING INSTRUCTION IN THIS DEPARTMENT

PAUL SHOREY, PH.D., *Professor and Head of the Department of the Greek Language and Literature.*

JAMES ROWLAND ANGELL, A.M., *Professor and Head of the Department of Psychology.*

FELLOW, 1906-7

WILLIAM GORDON KELSO, A.B.

INTRODUCTORY

The primary aim of the Department is to give training in the methods of philosophic inquiry, reflection, and statement, and thus to equip competent teachers and investigators in the various branches. The Department aims to train specialists, but only upon the basis of an adequate general knowledge. Candidates for the Doctor's degree are required to select for special attention, and to make some particular investigation in one of the four fields of Logic and Metaphysics, History of Philosophy, Æsthetics, Ethics; but this specialization presupposes sufficient knowledge of the other branches, and also of Psychology, to enable one to direct, and if necessary to undertake, teaching in them.

In the second place, it is believed that, in the existing state of life, Philosophy has much of value for those who do not intend to specialize in it. It is doubtful if there ever was a time when Philosophy lay so close to the various sciences, social, historical, and biological, on one side, and to the requirements of practical life on the other, as at present. The Department desires in the organization and arrangement of courses to make due recognition of this fact.

Students in other Departments who are expecting to take Philosophy as a subsidiary subject for the Master's or Doctor's degree should see the Head of the Department at once after coming into University

residence, and arrange for this work in advance. Nine Majors are required. The equivalents of the elementary courses in Psychology, Ethics, and Logic are required as antecedents. Work will be assigned according as the principal work is in literary, scientific, or historical and social lines.

A student presenting himself for the Doctor's degree with Philosophy as the chief subject will be required to have the equivalents of Courses 4-6 in the History of Philosophy, and at least three courses in Psychology; the latter may be either experimental or general, or a suitable combination of the two. He may further specialize, as already indicated, in the History of Philosophy, Ethics, Æsthetics, and Logic and Metaphysics.

The attention of students is particularly called to the University regulation that the examination in French and German must be passed before one can be regularly enrolled as a candidate for a degree, at least one year previous to taking the final examination. It is important that the student should secure the ability to read these subjects early in his university course. To postpone any work necessary for this examination till late in the course is to fail in securing the advantages intended by the regulation. Accordingly, the Department will insist upon conformity with the requirement.

In case the antecedent work in elementary Psychology, Logic, and Ethics, and the History of Philosophy does not come up to the proper standard, the candidate for an advanced degree will be required to take the undergraduate work in these subjects. As a rule, students coming from institutions where advanced work in Philosophy is not provided will find it advantageous to do some review work here.

The libraries of the Departments of Philosophy and Psychology contain the more important works on Logic, Psychology, the History of Philosophy, Æsthetics, Ethics, and sets of the philosophical journals.

It is the primary aim of the work in Education to train competent specialists for the broad and scientific treatment of educational problems. The courses provided for this end fall in the main under three heads: (1) courses in psychology and related work; (2) courses in educational history and theory; (3) Courses in the best methods of teaching the various branches. Additional courses under (1) and (3) will be found under their respective Departments.

It is believed that any profitable study of educational theory and method presupposes a thorough grounding in psychological principles; that a scientific treatment of educational problems demands as a prerequisite a familiarity with the methods and results of the modern study of the development of intelligence; that an appreciation of the ultimate ends of education requires that discipline in the estimate of values and ideals which is afforded by ethics; and that a broad outlook is best gained by an acquaintance with the history of human thought. It is expected, therefore, that the courses in educational theory be preceded or accompanied by the Introductory Courses in psychology and ethics, and that advanced work in this Department be accompanied by further work in the lines indicated above. In this connection attention is also called to the related courses in Biology, Physiology, Neurology, and Social Science.

The instructors in the department edit the *School Review*, a journal of secondary education, issued ten times a year, and published by the University of Chicago Press; subscription price, \$1.50 per year.

After the completion of the required work (Courses 1, 2, or 3), students wishing to do further work in philosophy should take Courses 4-6, or 7, 9, 10. Candidates for honors in the Senior Colleges should take from four to six courses, selected from Courses 3-10, 33, 43.

COURSES OF INSTRUCTION

INTRODUCTORY COURSES

NOTE.—One course selected from Courses 1, 2, 3, 4, 5, 9, is required for the Bachelor's degree in the Colleges of Arts and Literature. One course from these or from the Department of Psychology is required in the College of Science. Students who desire a minimum amount are advised to take one of Courses 1-3. Those who wish to elect work, may, with the advice of the Instructor, begin with 4 or 5. Course 9 is recommended to students interested in the natural sciences. These courses may be taken by students in the Junior Colleges who have completed twelve Majors of work.

1. Introduction to Philosophy.—The aim of the course will be (1) to introduce the student to the philosophic point of view for considering the problems of nature, civilization, institutions, art, conduct, and religion; (2) in connection with this study of method, some of the chief historical attitudes will be presented, and some of the philosophical classics read.

Autumn Quarter; 9:30
Dr. _____

2. Ethics.—For the Senior Colleges.

Mj. Summer Quarter; 11:30

ASSOCIATE PROFESSOR MOORE AND ———

Winter Quarter; Sec. a. 9:30

ASSOCIATE PROFESSOR MEAD

Sec. b. 8:30

DR. ———

Spring Quarter; 9:30

DR. AMES

3. Logic.—For the Senior Colleges.

Mj. Winter Quarter; 9:30

DR. ———

COURSES IN THE HISTORY OF PHILOSOPHY

- 4.5. History of Philosophy.—These courses are designed (1) as a survey of the history of thought, considered in its relations to the sciences, to literature, and to social and political conditions; and (2) as an introduction to Philosophy through a more careful study of some of the most important systems. Windelband's *History of Philosophy*, with lectures, and readings from Plato, Aristotle, Descartes, Locke, Berkeley, Hume, and Kant. For the Senior Colleges and Graduate Schools. 2Mj. Autumn Quarter; 11:00

DR. ———

Winter Quarter; 11:00

DR. AMES

- 5A, 5B. History of Modern Philosophy.—The second part of the above course. First Term, Descartes to Berkeley; Second Term, Hume and Kant. Summer Quarter; 10:30

ASSOCIATE PROFESSOR MOORE, AND DR. ———

6. Movements of Thought in the Eighteenth and Nineteenth Centuries.—This is a non-technical course, for Senior College and Graduate students. It forms the conclusion of Course 5, but may be taken by those who have had Courses 1 and 2. Mj. Spring Quarter; 11:00

ASSOCIATE PROFESSOR MEAD

9. History of Science.—This course will present scientific theories of different periods from the beginning of Greek science up to modern times. It will attempt to show, first, what views reflective thinkers held of the physical world, and secondly, what methods of scientific investigation and influence they made use of. While it will be impossible to enter into considerable detail in covering so large a field, definite pictures of the scientific conceptions of the physical universe in the past will be drawn. The evolution of scientific method will be followed as closely

as possible. The course will be in some sense parallel to the History of Philosophy, giving a survey of the development of human thought in the western world, but from the point of view of the physical sciences.

Mj. Autumn Quarter; 8:30

ASSOCIATE PROFESSOR MEAD

10. The Social and Ethical Content of Modern Philosophy.—A survey of the more important social development of individuality in the various spheres of political, religious, and social life, and on the other hand, in its relation to the philosophic thought of the period. Designed to follow Sociology Course 72. Open to students who have had Course 5 or Sociology 72.

[Not to be given in 1906-7.]

13. Philosophy of Aristotle.—The course will present Aristotle's Philosophy as a whole. Effort will be made to do justice to the conceptions of the period when the whole of science and learning was brought under philosophy, and the effect of this attitude upon Aristotle's thought will be brought out. In particular the relation of Aristotle's Logic to the Dialectic that preceded him will be studied, and contrasted with the method of his scientific speculation. Finally the *Metaphysics* will be considered both as the achievement of Greek thought, and as the appearance of a new philosophic discipline.

[Not to be given in 1906-7.]

17. Renaissance Philosophy.—Hobbes, Descartes, Spinoza, and Leibnitz. For Graduate students.

Mj

[Not to be given in 1906-7.]

19. British Philosophy, from Locke to Mill.—Both the ethical and the epistemological developments will be considered. For Graduate students.

Mj. Autumn Quarter
PROFESSOR TUFTS

[Not to be given in 1906-7.]

- 21A, 21B. Kant's "Critique of Pure Reason."—Study of the origins and conditions out of which the *Critique* arose, and the character of Kant's answer to the epistemological problem of his time, with especial reference to the answering positions of the English school. Covering the *Critique*, in Müller's translation, up to the "Transcendental Dialectic."

Discussion of Kant's theory of the Reason, the Antinomies, the Cosmological Ideas, and the position of the *Critique of Pure Reason* upon

the problems of God, Immortality and the Freedom of the Will. With reading from the *Critique* from "Transcendental Dialectic" on.

First and Second Terms, Summer Quarter,
8:00

ASSOCIATE PROFESSOR MEAD

- 22, 23. **The Philosophy of Kant.**—A critical discussion of Kant's Philosophy as a system, and its relations to previous and subsequent thought. The *Critique of Pure Reason* will be studied with Müller's translation and Adickes' text in the Autumn Quarter; the practical philosophy and teleology, in the Winter Quarter.

2Mj. Autumn and Winter Quarters, 1906-7
PROFESSOR TUFTS

26. **Herbert Spencer's Philosophy.**—An interpretative review of Spencer's characteristic doctrines as contained in his *First Principles* and parts of his *Psychology*, with possibly a brief notice also of his ethical and social theory.

[Not to be given in 1906-7.]

ASSOCIATE PROFESSOR MOORE

29. **Indian and Chinese Philosophy.**—The lectures in this course will attempt to present, first, the main positions at which reflective thought arrived among the Indian and Chinese peoples, and, second, as far as possible, what were the conditions which led to these reflective processes.

Mj. Spring Quarter

ASSOCIATE PROFESSOR MEAD

- 29A. **Reading of a standard German or French author throughout the year.**

PROFESSOR TUFTS

Plato: "The Republic."—(See XI, 29.)

PROFESSOR SHOREY

Stoicism and Epicureanism in their Relation to Ancient Life and Literature.—(See XI, 66, 67, 68.)

3Mj. Autumn, Winter, and Spring Quarters.

PROFESSOR SHOREY

COURSES IN LOGIC AND METAPHYSICS

31. **Philosophy in Relation to Science; Ancient Thought.**—The ancient scientific conceptions of the physical universe will be presented in their relation to the philosophic thought of the time. The science of the time of Aristotle will be the basis for discussion, and in particular the interconnection between the scientific methods and results and Aristotle's metaphysics will be studied.

ASSOCIATE PROFESSOR MEAD

[Not to be given in 1906-7.]

32. **Philosophy in Relation to Science; Modern Thought.**—The discussion of the parallel development of psychological theory and scientific method in the Middle Ages will be followed by a statement of the intellectual situation out of which Galileo's treatment of dynamics arose. The development of the mathematical theory from Descartes and Leibnitz to Newton will be presented from the point of view of its relation to parallel philosophic development. Finally, the present scientific conception of the physical world will be discussed in its bearing upon current logical and psychological theory.

Mj

ASSOCIATE PROFESSOR MEAD

[Not to be given in 1906-7]

33. **The Classification and Interrelations of the Sciences.**—A discussion of modern attempts in scientific methodology. For Senior College and Graduate students.

Mj

ASSOCIATE PROFESSOR MEAD

[Not to be given in 1906-7]

34. **The Development of Logical Doctrine.**—Hobbes to Hegel. A study of the growth of the function, structure, and criterion of knowledge through the English School and Kant. For Senior College and Graduate students.

Autumn Quarter, 1907

ASSOCIATE PROFESSOR MOORE

35. **The Theory of Logic.**—The course as a whole is designed to advance a critical and constructive theory of the logical functions: judgment, conception, and inference. They will be discussed in relation to one another, and the relation of thought to experience and reality will be considered. Texts: Lotze, Mill, and *Studies in Logical Theory*.

Mj. Winter Quarter; Mon., Thurs., 4:00-6:00

ASSOCIATE PROFESSOR MOORE

36. **Hegel's Logic.**—This course presupposes a fundamental study of Kant, and leads up to the study of modern logical theory. Wallace's translation of Hegel's *Logik* will be used in the class, and the lectures will follow the text as closely as possible. The aim of the course will be to enable the student to follow out as sympathetically as possible the structure of Hegel's thought, and recognize beyond this the problems that have appeared with Hegel's conception of Logic, and the limitations of Hegel's method in dealing with them.

Mj. Winter Quarter, 1908: 11:00

ASSOCIATE PROFESSOR MEAD

37. **Modern Metaphysics.**—Historical and constructive. A critical study of modern conceptions of Reality, with special attention to current views as exhibited in such works as Bradley's *Appearance and Reality*, Royce's *World and the Individual*, Ward's *Naturalism and Agnosticism*, Taylor's *Metaphysics*. For Graduate students.

Mj. Spring Quarter

ASSOCIATE PROFESSOR MOORE

- Genetic Logic: Theory of Knowledge.**—(See IA, 36.) Lectures on the development of cognition from sense to logical and æsthetic functions, showing the strains of genetic change and the motives to each of the great modes of knowledge. Postulates and canons of genetic method. For Senior College and Graduate students.

Summer Quarter, 1906, Tues. to Fri; 9:00

PROFESSOR BALDWIN

- Genetic Logic: Theory of Reality.**—(See IA, 36A.) Seminary course dealing with the comparative meanings of reality issuing from the several modes of cognition and establishing their relative validity for philosophy. For Graduate students.

Summer Quarter, 1906, Mon., 9:00-11:00

PROFESSOR BALDWIN

- The Relations of Psychology to Physiology.**—(See 35A.) 1. An examination partly historical and partly logical, of the relations of psychology to the philosophical disciplines. For advanced Graduates.

Mj. Spring Quarter

PROFESSOR ANGELL

COURSES IN ETHICS

40. **Evolution of Morality.**—A study of the origins of Morality in primitive tribal life, including the objective factors of group control, custom, political, family, and religious institutions, and subjectively the development of a standard, and of responsibility. For Graduate students.

Mj. Autumn Quarter; 1907

PROFESSOR TUFTS

- 41, 42. **Seminar.—The Fundamental Ethical Concepts.** A historical and critical study of the leading ethical concepts: Good, Obligation, Nature and Natural Law, Right, Conscience, Self-Denial, Love, Justice, Moral Sense, Sympathy, Utility, Freedom, the Kingdom of Ends, Value, Self-Realization. The course will thus embrace a history of ethical theory, but without rigid adhesion to chronological order where this would prevent a continuous study of a given concept.

2Mj. Winter and Spring Quarters; 1907-8

PROFESSOR TUFTS

43. **History of Political Ethics.**—This course will embrace the topics included historically under the Philosophy of the State and the Philosophy of Law, together with a study of the ethical conceptions which have grown out of social and political organization. The political theories of Plato and Aristotle, the Roman and Renaissance conceptions of law of nature, the eighteenth-century conception of natural rights, the ethical concepts of justice and rights, and the recent opposing socialistic and individualistic theories will be considered.

Mj. Spring Quarter; 1908

PROFESSOR TUFTS

44. **The Psychology of Ethics.**—This course will discuss the part played by the psychic processes of the individual, such as impulse, desire, effort, deliberation, and choice in the constitution of moral conduct. For Graduate students.

Mj. Autumn Quarter

PROFESSOR TUFTS

45. **Social Ethics.**—This course will discuss the ethical problems involved in social organization and progress, especially the adjustment to each other of the ethics of community life and individual freedom. The elements of the Philosophy of Law and of the State will be presented. For Graduate students.

Mj. Winter Quarter

PROFESSOR TUFTS

47. **Recent Ethical Theory.**—The important problems and tendencies of recent ethical theory will receive comparative treatment. Lectures, discussions, and papers. Mj. Summer Quarter; 1907

PROFESSOR TUFTS

COURSES IN ÆSTHETICS

7. **Æsthetics.**—An introduction to the history and theory of æsthetics. The two aspects of the æsthetic field, viz.: appreciation, or criticism, and artistic production will be analyzed, and their leading categories studied with reference both to their psychological origin, and to their historic relations in the development of art. For the Senior Colleges.

PROFESSOR TUFTS

Prerequisite: *Introductory Psychology*.

[Not to be given in 1906-7]

COURSES IN THE HISTORY OF EDUCATION

For the Senior Colleges

60. **History of Education.**—Ancient times to Charlemagne.

Mj. Autumn Quarter; 8:30

ASSOCIATE PROFESSOR OWEN

61. **History of Education.**—Charlemagne to Modern Times.
Winter Quarter; 8:30
ASSOCIATE PROFESSOR OWEN
62. **Historical Survey of Modern Education.**—The course will be introduced by a brief discussion of the indebtedness of modern educational theory and practice to the ideas and methods of the ancients, particularly the Greeks and Romans. The chief emphasis will be placed upon the rise of democracy in education, and the resulting changes in the aims, content, and methods of education. The course will aim especially to provide such information and insight as will enable the student to continue his study of the history of education most profitably. Monroe's *Textbook in the History of Education* will be used as a handbook.
M. Second Term, Summer Quarter; 1:30
DR. SISSON
63. **Herbart's Doctrines of Education.**—A study of the ethical and psychological bases of education, followed by an examination of the essential elements in Herbart's pedagogy. Comparison of Herbart's doctrines with other important systems. The chief reading will be Herbart's *Textbook of Psychology* and his *General Pedagogy*, with constant references to later writers, both supplementary and corrective, particularly De Garmo, Dewey, Felkin, Rein, etc. Endeavor will be made throughout to emphasize matters of permanent value and pass lightly over what is superseded, indicating the doctrines which have superseded it; this will be particularly true with reference to the discussion of the feelings and the will.
M. Second Term, Summer Quarter; 2:30
DR. SISSON
64. **Education in the United States.**—A study of the development of Education in the United States, with special emphasis on social conditions, outside influences, important leaders, present day tendencies and theories. Open to Seniors with two Majors in Education.
Mj. Spring Quarter; 8:30
ASSOCIATE PROFESSOR OWEN
- 67, 68. **Seminar in the History of Education.**
2Mj. Winter and Spring Quarters
ASSOCIATE PROFESSOR OWEN
- COURSES IN EDUCATIONAL PSYCHOLOGY AND MENTAL DEVELOPMENT**
- The Physical Basis of Education.**—Ten open lectures.
First Term, Summer Quarter
PROFESSOR TYLER
70. **Psychology applied to Education.**—The discussion of psychological problems which have reference to education. For Senior College and Graduate Students.
Mj. Spring Quarter; 8:30
ASSISTANT PROFESSOR GORE
71. **Educational Psychology.**—This course will be developed with special reference to the dynamic conception of the mind, mental growth as a function of sensori-motor co-ordination: attention, interest, apperception, habit, etc., discussed from this point of view. The recent literature of experimental psychology, as it bears upon educational problems, will be examined.
M. Second Term, Summer Quarter; 11:30
DR. KING
72. **Genetic Psychology.**—This course is planned to serve as an introduction to the study of the distinct modes of the mental functioning in the human mind, considered from the genetic point of view. The emphasis will be placed throughout upon the origin, the life-history, the usefulness of the well-differentiated mental processes and bodily acts, and the attempt will be made to outline the conditions, both natural and artificial, which effect changes in these several mental attitudes.
M. First Term, Summer Quarter; 2:30
DR. MACMILLAN
73. **Genetic Psychology.**—Problems, methods, and data in the psychological growth of children and youth.
Mj. Autumn Quarter; 8:30
ASSISTANT PROFESSOR GORE
Prerequisite: *Elementary Psychology*.
74. **Special Problems in Genetic Psychology.**—Designed for those who are prepared to undertake investigations involving observation and study of school children. The course may be taken only after conference with the instructor. For graduate students.
Mj. Winter Quarter
ASSISTANT PROFESSOR GORE
75. **Individual Psychology.**—Research and observation with respect to types of psychological temperament, capacity, etc., with special refer-

ence to methods of study and classification of children.

Mj. Winter Quarter; 8:30

ASSISTANT PROFESSOR GORE

(Not to be given in 1906-7)

76. **Child-Study.**—This course is designed to familiarize students with the problems of Child-Study, to evaluate the methods of investigation, and to interpret the results of observation and experimental work. It will embrace such vital topics as the theory of mental measurements, the description and characterization of children's traits, the place and importance of practical Child-Study in a school system, and the like. For Seniors and Graduates.

M. First Term, Summer Quarter; 1:30

DR. MACMILLAN

Prerequisite: *Course in General Psychology.*

78. **The Psychology of the Educational Process.**—A critical and constructive study of selected problems bearing upon educational practice. Feeling, will, habit, attention, apperception, and similar topics will be discussed. For Graduate students.

Mj. Winter Quarter, 9:30

PROFESSOR ANGELL

COURSES IN ADMINISTRATIVE AND SOCIAL ASPECTS OF EDUCATION

80. **Problems in Secondary Education.**—Present day ideals in education. The moral element in education. Adolescence. The high school curriculum. Arts and technology. Electives. The extension of the high-school course by the addition of two years. The certificate and entrance examinations systems. The social organization of the high school. Athletics. The school and the community. On sending boys and girls to college.

M. First Term, Summer Quarter; 8:00

Also as Mj. Spring Quarter

PROFESSOR BUTLER

81. **The Schools of Germany, England, and the United States.**—The course traces the historical development of existing systems of elementary and secondary education as expressions of the religious, social, and industrial ideals that from time to time have dominated the people, with especial emphasis upon the influence on public education, of ecclesiasticism, humanism, realism, and nationalism. The marks which these schools have in common, as well as those which differentiate them, are noted, and a study is

made of present tendencies. Open to Seniors who have had 2 Majors in Education.

M. First Term, Summer Quarter; 9:00

Also as Mj. Autumn Quarter; 9:50

PROFESSOR BUTLER

82. **The School and the Community.**—The course discusses education as training for social efficiency; the school as one of several agencies for such training; the function of the school as affected by modern social conditions; the formation of social and moral habits; the social organization of the school; the "many-sided interest;" industrial training in relation to social ideals and habits; education as discovery of the individual; co-operation between the school and the community: in civic improvement, in the use of libraries, in parents' associations. The schools of Chicago will be studied, and reports made regarding schools elsewhere, with which students are acquainted.

Mj. Spring Quarter; 9:30

PROFESSOR BUTLER

83. **Problems of Supervision and Administration in Public Schools.**—Course designed for superintendents, principals, and supervisors.

M. Second Term, Summer Quarter; 9:00

MR. VAN SICKLE

84. **Problems of Curriculum and Method in Elementary and High Schools.**—For teachers, supervisors, and principals.

M. Second Term, Summer Quarter; 10:30

MR. VAN SICKLE

85. **The Teaching of Science in the Secondary School.**—Psychological study of the attitude of the child in the secondary school toward his surrounding physical environment; the necessity of the child's getting a hold upon this world as a whole before the separate sciences can be taken up; the method by which the problems of these different sciences can be brought out; the scope and import of the study of these sciences during the high school period, in reference both to the child's immediate development, and his later study and attitude toward them; the fundamental importance of science in giving the high school child his method and point of view.

Mj. Autumn Quarter

ASSOCIATE PROFESSOR MEAD

Psychological Seminary.—(See IA, 38.) Methods of instruction in psychology: text-books, lectures, etc.; ideals in the organization of courses

in colleges, normal schools, and institutions of secondary grade. Mon., 1:30-3:30

Mj. First Term, Summer Quarter;
Psy. Lab.

PROFESSOR ANGELL

COURSES IN EDUCATIONAL THEORY

NOTE. — See also Course 85.

90. **Philosophy of Education.**—The point of view will be that of the gradual socialization of the child, and the part which education plays in this. Both formal and informal education will be considered, especially in their relation to each other. On the one side the development of the child will be considered as the justification for a psychological theory of education, while on the other side the demands of the society into which the child is entering, will suggest the sociological theory. The inadequacies of each will be indicated, and the necessity of replacing them by a social conception of education which can recognize both the child and society at once. The chief features of present school practice and theory will be criticised from this standpoint.

M. First Term, Summer Quarter; 10:30
ASSOCIATE PROFESSOR MEAD

91. **The Principles of Education.**—A consideration of education as a social process: its nature; the facts involved; the problem of heredity, social and biological; the problem of the end or ideal; the importance of informal and unconscious

factors; the ethical problem, etc. Open to Seniors who have had Courses 2 and IA. 1.

M. Second Term, Summer Quarter; 8:00
DR. KING

92. **Philosophic Bases of Modern Education.**—A comparative study of the philosophic and educational development beginning with Bacon and Comenius, with special stress upon the Kant-Herbart period. The reading for the course will be largely from the writings of the authors discussed, supplemented by Windelband's *History of Philosophy* and Monroe's *History of Education*. The course presupposes elementary psychology and a general acquaintance with the history of modern philosophy and education. Open to Seniors who have had Course 5.

Mj. Winter Quarter
ASSOCIATE PROFESSOR MOORE

93. **Principles of Education.**—The aim, meaning, methods, and contents of education are considered from the point of view of human capacities and values, and their evolution in the interaction of the individual with natural and social environment. Individual development and social progress, the intellectualistic and the voluntaristic views of mind and character, current theories of discipline, interest, culture, correlation or co-ordination of subjects are analyzed. Open to Seniors who have had Courses 2 and IA, 1.

Mj. Spring Quarter, 1906
Summer Quarter, 1907
PROFESSOR TUFTS

IA. THE DEPARTMENT OF PSYCHOLOGY

OFFICERS OF INSTRUCTION

A. INSTRUCTORS ATTACHED TO THE DEPARTMENT OF PSYCHOLOGY

JAMES ROWLAND ANGELL, A.M., *Professor and Head of the Department of Psychology; Director of the Psychological Laboratory.*

JOHN BROADUS WATSON, PH.D., *Instructor in Experimental Psychology.*

B. INSTRUCTORS IN OTHER DEPARTMENTS OFFERING INSTRUCTION IN THIS DEPARTMENT

GEORGE HERBERT MEAD, A.B., *Associate Professor of Philosophy.*

WILLIAM ISAAC THOMAS, PH.D., *Associate Professor of Sociology.*

ADDISON WEBSTER MOORE, PH.D., *Associate Professor of Philosophy.*

WILLARD CLARK GORE, PH.D., *Assistant Professor of Psychology.*

EDWARD SCRIBNER AMES, PH.D., *Instructor in Philosophy.*

JAMES MARK BALDWIN, LL.D., *Professor of Philosophy and Psychology, Johns Hopkins University (Summer Quarter, 1906).*

FELLOWS, 1906-7

JUNE DOWNEY, A.B.
GRACE FERNALD, A.B.

JOSEPH WILLIAM HAYES, A.B.
JOSEPH PETERSON, S.B.
CLARENCE STONE YOAKUM, A.B.

INTRODUCTORY

The courses in the Department are planned with three purposes in view: (1) to meet the needs of undergraduate students who desire an intelligent acquaintance with the general principles of Psychology and their bearing upon the larger social and scientific interests of modern life; (2) to afford adequate discipline for students who wish to employ Psychology as a basis for higher work in philosophy, education, and the social sciences; (3) to furnish a sound and symmetrical training for teachers, investigators, and specialists in the various branches of psychological science.

The Fellowships at the disposal of the Department are intended for persons who give promise of distinction in research work.

Candidates for the Doctor's degree in Psychology will be required in all cases to have the equivalents of Courses 2-5 in the Department of Philosophy. When the principal work falls within the lines of Experimental Psychology, or Comparative Psychology, the candidate will be expected to have the equivalents of the elementary courses in Neurology and either Physiology or Zoology.

Students in other Departments, who expect to make Psychology a secondary subject for any of the higher degrees should consult with the Head of the Department, immediately after entering upon residence. The amount of work required in such cases depends upon the previous training of the candidate. From six to nine Majors are commonly necessary.

Students are required to pass an examination in French and German before they can be formally enrolled as candidates for the Doctorate.

The libraries of the Departments of Philosophy and Psychology contain the more important works on logic, psychology, the history of philosophy, æsthetics, ethics, and sets of the philosophical and psychological journals.

The meetings of the Journal Club are designed to keep students in touch with the best contemporary work.

The Psychological Laboratory occupies a building of its own at 5704 Ellis Avenue. The extensive collection of apparatus is primarily designed to afford thorough training in accepted methods of investigation. New apparatus required for research work is promptly supplied.

COURSES OF INSTRUCTION

INTRODUCTORY COURSES

Course 1 in the Department of Psychology is required for the Bachelor's degree of all students in the Colleges of Arts, Literature and Science. It may be taken by students in the Junior Colleges who have completed twelve Majors of work.

1. **Psychology.**—For the Senior Colleges. Repeated every Quarter. Mj. Every Quarter.

Summer Quarter; 9:00

DR. WATSON

Autumn Quarter, 3 sections: 8:30, 11:00, 2:00

DR. WATSON

Winter Quarter: 8:30

Spring Quarter: 9:30

NORM.—This course is a prerequisite for all other courses in the Department.

2, 3, 4. **Experimental Psychology.**—Training Course.

This course is designed to afford students preliminary training for independent research and for teaching this branch. It is distinctly a laboratory course. Students specializing in Psychology are advised to take this course immediately after the completion of Course 1. The course may be entered at the beginning of any of the three Quarters. The work is, however, closely connected, and the Department strongly recommends adherence to the regular sequence, as indicated in the course numbers.

3Mj. Autumn, Winter, and Spring Quarters
Lectures: 2:00-3:00.

Laboratory work: 2:00-4:00.

DR. WATSON

NORM.—Lectures and Laboratory work occur on different days.

Course 2: Will be given to the study of visual and auditory sensations, introduced by a general presentation of psychological methods.

Autumn Quarter
DR. WATSON

Course 3: Will be devoted to the study of cutaneous, kinæsthetic, gustatory, and olfactory sensations.

Winter Quarter
DR. WATSON

Course 4: Will consider the application of experimental methods to the study of the more complex processes of consciousness.

Spring Quarter
DR. WATSON

5. **Outline of Experimental Psychology.**—Lectures and class demonstrations illustrating the scope and principal results of experimental methods in psychology. For Senior College and Graduate students. Mj. Summer Quarter; 8:00

DR. WATSON

Prerequisite: *Introductory Psychology.*

COMPARATIVE, SOCIAL, EDUCATIONAL, AND GENETIC COURSES

10. **Experimental Comparative Psychology.**—Work in the laboratory, and conferences. Senior College and Graduate students. Hours to be arranged. Open after consultation with instructor.

Mj. Spring Quarter
DR. WATSON

11. **Theoretical Comparative Psychology.**—A critical review of points of view and methods; and a discussion of the evolution of animal intelligence from the standpoint of movement in relation to space adjustments. The course may profitably be preceded by the experimental Course 10.

Mj. Winter Quarter; 11:00
ASSOCIATE PROFESSOR MEAD

- 11A. **Comparative Psychology.**—A general discussion of the evolution of animal intelligence.

M. Second Term, Summer Quarter; 10:30
ASSOCIATE PROFESSOR MEAD

12. **Development of Mind in the Race.**—Formulation of habit in the tribal stage. Relation of the psychic life of the group to the group activities. Instruction and discipline of children by the parents and by the group. Educational meaning of initiation, secret societies, and tapu. Animistic beliefs and practices, and the influence of analogy, suggestion, and hypnotism in the formation of mind. Language and number. Imitation, invention, and genius. Comparison of the mental traits of different races, epochs,

and social classes, and an estimate of the nature of the psychic interval between the natural and the culture races. (See VI, 27.)

M. Second Term, Summer Quarter; 11:30
Mj. Autumn Quarter; 8:30

ASSOCIATE PROFESSOR THOMAS

13. **Contemporary Social Psychology.**—The development of social Psychology from individual Psychology will be traced, and its justification and methods discussed.

Mj. Winter Quarter

ASSOCIATE PROFESSOR MEAD

[Not to be given in 1906-7]

14. **Genetic Psychology.**—A consideration of problems, methods, and data in the psychological growth of children and youth. For Senior College and Graduate students.

Mj. Autumn Quarter; 8:30

ASSISTANT PROFESSOR GORE

- 14A. **Genetic Psychology.**—This course is planned to serve as an introduction to the study of the distinct modes of mental functioning in the human mind, considered from the genetic point of view.

M. First Term, Summer Quarter; 1:30

DR. MACMILLAN

- 14B. **Child-Study.**—This course will embrace such topics as the theory of mental measurements, the description and characterization of children's traits, the place and importance of child-study in a school system, and the like.

M. First Term, Summer Quarter; 2:30

DR. MACMILLAN

Prerequisite: *I A, 1.*

15. **Special Problems in Genetic Psychology.**—Designed for those who are prepared to undertake investigations involving observation and study of school children. The course may be taken only after conference with the instructor. For Graduate students.

Mj. Summer Quarter
ASSISTANT PROFESSOR GORE

17. **Psychology Applied to Education.**—A discussion of psychological problems which have reference to Education.

Mj. Spring Quarter; 8:30
ASSISTANT PROFESSOR GORE

18. **Educational Psychology.**—The dynamic conception of the mind, mental growth as a function of sensori-motor co-ordination; discussion of attention, interest, apperception, habit, etc., from this point of view.

M. Second Term, Summer Quarter; 11:30

DR. KING

19. **Psychology of Religion.**—A study of the typical phases of the religious consciousness.

Mj. Spring Quarter; 12:00
DR. AMES

ADVANCED EXPERIMENTAL COURSES

- 20, 21, 22. **Experimental Psychology.** Advanced Course. This course is primarily intended for purposes of original investigation. It may, however, be employed for securing technical drill in advanced methods not touched upon in the training courses. It presupposes a course like the foregoing, or extended practice in other laboratory work, biological or physiological. Selected problems will be assigned to individual students.

In Courses 2-4 and 20-22 there will be no attempt to do work on the strictly physiological side of Psychology—in the structure and functions of the nervous system. Unusual facilities for such work are afforded in the Departments of Neurology and Physiology, and the attention of all students of Psychology is called to these courses, described more fully in the special programmes of those departments. Relevant work in these lines will, with the consent and co-operation of the respective departments, be credited in candidacy for the Doctor's degree.

3Mj. Autumn, Winter, and Spring Quarters
PROFESSOR ANGELL AND DR. WATSON

23. **Elementary Course in Psychophysics Methods.**—Lectures and laboratory work. The more familiar forms of procedure for quantitative study of the psychical processes will be discussed and illustrated.

Mj. Winter Quarter; 8:30
DR. WATSON.

Prerequisite: 1Mj. in *Experimental Psychology*.

ADVANCED THEORETICAL COURSES

30. **History of British Psychology.**—A critical and expository examination of the more important writers.

Mj. Autumn Quarter; 9:30
PROFESSOR ANGELL

[Not to be given in 1906-7]

31. **History of German Psychology.**—The principal German psychologists since Leibniz will be discussed and criticised. Ability to read German is extremely desirable for students who intend to take this course.

Mj. Winter Quarter; 9:30
PROFESSOR ANGELL

[Not to be given in 1906-7]

32. **Contemporary American and French Psychologists.**—Selected works of representative writers will be studied with special reference to the securing of information concerning the origins and national traits of French and American psychology. For Graduate students.

[Not to be given in 1906-7]

33. **Unsettled Questions in Psychology.**—A critical and constructive discussion of live problems; e. g., the psychology of judgment, the nature of meaning, the elements of feeling, etc. For advanced Graduate students.

Mj. Autumn Quarter; 9:30
PROFESSOR ANGELL

34. **The Psychology of the Educational Process.**—A critical and constructive study of selected problems bearing upon educational theory and practice. Feeling, will, habit, attention, apperception, and similar topics will be discussed. For Graduate students.

Mj. Winter Quarter; 9:30
PROFESSOR ANGELL

35. **The Relations of Psychology to Philosophy.**—An examination, partly historical and partly logical, of the relations of psychology to the philosophical disciplines. For advanced Graduate students.

Mj. Spring Quarter; 9:30
PROFESSOR ANGELL

36. **Genetic Logic: Theory of Knowledge.**—Lectures on the development of cognition from sense to logical and æsthetic functions, showing the strains of genetic change and the motives to each of the great modes of knowledge. Postulates and canons of genetic method. For Senior College and Graduate students.

M. First Term, Summer Quarter; 9:00
PROFESSOR BALDWIN

- 36A. **Genetic Logic: Theory of Reality.**—Seminary course dealing with the comparative meanings of reality issuing from the several modes of cognition and establishing their relative validity for philosophy. For Graduate students.

M. First Term, Summer Quarter
PROFESSOR BALDWIN

37. **Advanced Psychology.**—A discussion of typical current problems in psychology; e. g., feeling, attention, the self, etc.

M. First Term, Summer Quarter; 10:30
PROFESSOR ANGELL

38. **Psychological Seminary.**—Methods of instruction in psychology, textbooks, lectures, etc. Ideals in the organization of courses in colleges, normal schools, and institutions of secondary education. M. First Term, Summer Quarter; Mon. 1:30
PROFESSOR ANGELL

39. **Journal Club.**—Autumn, Winter, and Spring Quarters. Credit will be given in accordance with the amount of work performed. Hours to be arranged.

II. THE DEPARTMENT OF POLITICAL ECONOMY

OFFICERS OF INSTRUCTION

JAMES LAURENCE LAUGHLIN, PH.D., *Professor and Head of the Department of Political Economy.*
*THORSTEIN B. VEBLEN, PH.D., *Assistant Professor of Political Economy.*
WILLIAM HILL, A.M., *Assistant Professor of Political Economy.*
JOHN CUMMINGS, PH.D., *Assistant Professor of Political Economy.*
HERBERT JOSEPH DAVENPORT, PH.D., *Assistant Professor of Political Economy.*
ROBERT FRANKLIN HOXIE, PH.D., *Instructor in Political Economy.*
ROBERT MORRIS, LL.B., A.M., *Instructor in Political Economy.*
ERNEST R. DEWSNUP, A.M., *Professorial Lecturer on Railways, and Curator of the Museum of Commerce.*

FELLOWS, 1906-7

SPURGEON BELL, S.B.

DONALD ELLIOTT BRIDGMAN, A.B.

HOWARD GRAY BROWNSON, A.B.

EUGENE BRYAN PATTON, A.B.

WILLIAM WALKER SWANSON, A.B.

INTRODUCTORY

The work of the Department is intended to provide, by symmetrically arranged courses of instruction, a complete training in the various branches of economics, beginning with elementary work and passing by degrees to the higher work of investigation. A chief aim of the instruction will be to teach methods of work, to foster a judicial spirit, and to cultivate an attitude of scholarly independence.

The Fellowships offered by the Department of Political Economy are independent of those offered by the allied Departments of History, Political Science, or Sociology. Appointments will be made only on the basis of marked ability in economic studies and of capacity for investigation of a high character. It is a distinct advantage to candidates to have been one year in residence at the University. Candidates for these Fellowships should send to the President of the University a record of their previous work and distinctions, degrees and past courses of study, with copies of their written or printed work in economics. Applications should be sent in not later than March 1 of each year. Appointments will be made during the first week of April.

Fellows are forbidden to give private tuition, and may be called upon for assistance in the work of teaching in the University or for other work; but in no case will they be expected or permitted to devote more than one-sixth of their time to such service.

In addition, one Graduate Scholarship, yielding a sum sufficient to cover the annual tuition fees, is awarded to the best student in economics just graduated from the Senior Colleges; and a similar Scholarship is given to the student graduating from the Junior Colleges who passes the best examination at a special test.

Candidates for the degree of A.M. will not be permitted to offer elementary courses in Political Economy as part of the work during the year's residence. The work of students taking Political Economy as a secondary subject for the degree of A.M. should include (1) the general principles of Economics (as contained in Courses 1 and 2, or an equivalent); (2) the history of Political Economy; and (3) the scope and method of Political Economy.

* Resigned.

The work of candidates for the degree of Ph.D. taking Political Economy as a secondary subject should include, in addition to the above requirements for the degree of A.M., (1) Public Finance, and (2) some descriptive subject as, e. g., Money, or Tariff, or Railways, etc.; and the examination will be more searching than that for the degree of A.M. Nine Majors will be required.

In all cases candidates should consult early with the Heads of the Departments within which their Major and Minor subjects are taken.

Before being admitted to candidacy for the degree of Doctor of Philosophy, in case Political Economy is chosen as the principal subject, the student must furnish satisfactory evidence to the Head of the Department that he has been well prepared in the following courses (or their equivalents at other institutions): History of Europe in the Seventeenth and Eighteenth Centuries (History 11); Europe in the Nineteenth Century (History 12); Later Constitutional Period of the United States; the Civil War and the Reconstruction (History 18); Comparative National Government (Political Science 11); Federal Constitutional Law of the United States (Political Science 32); Elements of International Law (Political Science 41); and Introduction to Sociology (Sociology 72).

As a means of communication between investigators and the public, the University issues quarterly the *Journal of Political Economy*, the first number of which appeared in December of 1892. Contributions to its pages will be welcomed from writers outside as well as inside the University, the aim being not only to give investigators a place of record for their researches, but also to further in every possible way the interests of economic study throughout the country. The *Journal* will aim to lay more stress than most other journals upon articles dealing with practical economic questions. The editors will welcome articles from writers of all shades of economic opinion, reserving only the privilege of deciding as to merit and timeliness.

Longer investigations, translations of important books needed for American students, reprints of scarce works, and collections of materials will appear in bound volumes in a series of "Economic Studies of the University of Chicago," of which the following have already been issued:

No. I. *The Science of Finance*, by GUSTAV COHN. Translated by DR. T. B. VEBLEN, 1895, 8vo, pp. xi+800. Price, \$3.50.

No. II. *History of the Union Pacific Railway*, by HENRY KIRKE WHITE, 1895, 8vo, pp. 132. Price \$1.50.

No. III. *The Indian Silver Currency*, by KARL ELLSTAETTER. Translated by J. LAURENCE LAUGHLIN, 1896, 8vo, pp. 116. Price \$1.25.

No. IV. *State Aid to Railways in Missouri*, by JOHN WILSON MILLION, 1897, 8vo, pp. 264. Price, \$1.75.

No. V. *History of the Latin Monetary Union*, by HENRY PARKER WILLIS, 1901, 8vo, pp. ix+332. Price, \$2.

No. VI. *The History of the Greenbacks with Special Reference to the Economic Consequences of Their Issue*, by WESLEY CLAIR MITCHELL, 1903, 8vo, pp. xiv+500. Price, \$4 net.

No. VII. *Legal Tender: A Study in English and American Monetary History*, by SOPHONISBA P. BRECKINRIDGE, 1903, 8vo, pp. xvii+180. Price, \$1.50, net.

The selection of the Economic Library has been made with great care, in order to furnish not only the books needed for the work of instruction in the various courses, but especially collections of materials for the study of economic problems. The University Library contains an unusually complete set of United States Documents, beginning with the First Congress. It is believed that ample provision has thus been made for the work of serious research. The work of the students will necessarily be largely carried on in the Economic Library, in the Law School Building, where will also be found the past as well as the current numbers of all the European and American economic journals.

The combined library facilities of Chicago are exceptional. The Public Library, maintained by a large city tax, the Newberry Library, and the Crerar Library, with a fund of several millions of dollars, which has provided books on Political Economy, will enable the student to obtain material needed in the prosecution of detailed investigation.

For the convenience of those who wish to know the branches of economics in which especial advantages are offered by the Department, attention is called to the new facilities afforded for specialization in several directions:

Apart from the fundamental training in the general economic field, a new and exceptional series of

advanced courses in the economic side of railways has been provided. It is believed that no such extended and useful courses have ever been offered before on this subject. Beginning with the usual general course on railway transportation, several special courses are presented for advanced students.

In view of the pressing importance of questions touching upon the rewards of labor and capital, an exceptional arrangement of courses dealing both with the underlying principles and the practical movements of the day have been prepared upon new and extended lines.

Opportunities for specialization in the field of money and banking have been offered in the past, but additional courses have been organized in order to permit a more thorough study in these subjects, both theoretical and practical, than has ever been possible before.

The University has equipped a laboratory for statistical research work in which students are given training in the collection and tabulation of statistical data, as well as in the scientific construction of charts and diagrams. The object of the work is to familiarize students with practical methods employed in government bureaus, municipal, state, and federal, in the United States and in other countries, and in private agencies of sociological and economic investigation. Men are trained to enter the service of such bureaus or agencies of social betterment as statisticians, capable of undertaking any work requiring expert statistical service. The Departments of Political Economy and of Sociology co-operate in the direction of statistical investigations.

COURSES OF INSTRUCTION

GENERAL

The courses are classified as follows:

Group I, Introductory and Commercial: Courses 1, 2, 3, 4, 5, 6.

Group II, Advanced Business Courses: Courses 7, 8, 9, 10, 11, 12.

Group III, General Economic Field: Courses 20, 21, 22, 23, 24, 25, 26, 27, 28-30, 31-32.

Group IV, Labor and Capital: Courses 40, 41, 42, 43, 44, 45, 46, 47, 48.

Group V, Money and Banking: Courses 50, 51, 52, 53, 54.

Group VI, Railways: Courses 60, 61, 63, 64.

Group VII, Statistics: Courses 70, 71, 72.

Group VIII, Seminars: Courses 80, 81, 82.

Students are advised to begin the study of Economics in the last year of the Junior Colleges.

For admission to the courses of Groups II to VIII, a prerequisite is the satisfactory completion of Courses 1 and 2 in the Department, or an equivalent. Course 1 is not open to students who do not intend to continue the work of Course 2. Courses 1 and 2 are not a prerequisite for Courses 3, 4, 5, and 6.

JUNIOR COLLEGE COURSES

GROUP I. INTRODUCTORY AND COMMERCIAL

1 and 2. Principles of Political Economy. — Exposition of the laws of modern Political Economy.

Course 1. Mj. Summer Quarter; 9:00

ASSISTANT PROFESSOR DAVENPORT

Mj. Autumn Quarter; 3 sections, 8:30 and 12:00.

ASSISTANT PROFESSORS HILL
AND DAVENPORT AND DR. HOXIE

Mj. Winter Quarter; 3 sections, 8:30, 11:00, and 12:00.

MR. ———
AND DR. HOXIE

Course 2. Mj. Winter Quarter; 2 sections, 8:30 and 12:00.

ASSISTANT PROFESSORS HILL
AND CUMMINGS

Mj. Spring Quarter; 3 sections, 8:30 and 12:00.

ASSISTANT PROFESSOR DAVENPORT
AND DR. HOXIE

Courses 1 and 2 together are designed to give the students an acquaintance with the working principles of modern Political Economy. The general drill in the principles cannot be completed in one Quarter; and the Department does not wish students to elect Course 1 who do not intend to continue the work in Course 2. Descriptive and practical subjects are introduced as the principles are discussed, and the field is only half covered in Course 1. Those who do not take both 1 and 2 are not prepared to pursue any advanced courses in Groups III-VIII.

Required of all students in the College of Commerce and Administration.

3. **Economic and Social History.**—It is thought that the course may be of advantage to students of Political Science and History by giving them a view of the economic side of the social and political life of the past one hundred and fifty years. The topics considered are: the colonial system; the industrial and agricultural revolutions; the economic aspects of the French Revolution; the continental system of Napoleon; the edicts of Stein and Hardenburg; the condition of the laboring classes in the first half of the nineteenth century; the English free-trade movement; the *Zollverein*; the gold discoveries; improvements in transportation and their results; progress of Great Britain under free trade; the proposed British imperial federation; economic results of the Franco-Prussian war; the recent economic progress of France and Germany; progress of the laboring classes since 1850; résumé of the industrial progress of the nineteenth century.

Mj. Spring Quarter; 11:00

MR. MORRIS

4. **History of Commerce.**—A brief general survey of ancient, mediæval, and modern commerce. Consideration of the articles of commerce, the market places, the trade routes, methods of transportation, and the causes which promoted and retarded the growth of commerce in the principal commercial nations.

MR. MORRIS

[Not to be given in 1906-7]

5. **Commercial Geography.**—A study of the various countries and their chief products; the effect of soil, climate, and geographical situation in determining the character of national industries and of international trade, commercial routes, seaports; the location of commercial and industrial centers; exports and imports; the character, importance, and chief sources of the principal articles of foreign trade.

Mj. Summer Quarter; 1:30. Winter Quarter; 2:00. ASSISTANT PROFESSOR GOODE

For courses on **Economic Geography of North America** (Geol. 10), Autumn Quarter, and **Economic Geography of Europe** (Geol. 12), Spring Quarter, see Department of Geography.

6. **Modern Industries.**—A study will be made of the following leading industries: the textiles, food products, leather, fuels, iron and steel, metals, lumber, glass, pottery, paper, shipbuilding. The

distribution of industries, processes of production, inventions, sources of raw materials, transportation, and marketing will be examined. The interdependence of industries and the relation of different industries to national development will be carefully analyzed. An inquiry will be made as to the causes of the rapid industrial expansion of the country. From time to time references will be made to economic conditions prevailing in leading European countries. The class will visit a number of large industrial establishments in and near Chicago.

Mj. Autumn Quarter; 2:00

MR. MORRIS

See also course on **The Organization of the Retail Market** (Course 10), Department of Household Administration.

SENIOR COLLEGE AND GRADUATE COURSES

GROUP II. ADVANCED BUSINESS COURSES

7. **Insurance.**—This course will aim to cover those aspects of insurance important to the practical business man. The history and theory of insurance will be examined with especial emphasis given (1) to Life Insurance: the various forms of organization; theory of rates; the different combinations of contracts; loan and surrender values; dividends; distribution periods; (2) to Fire Insurance: the various forms of business organization; the terms and conditions of the insurance contract; the different forms of hazard, and the computation and combination of rates therefor; the theory of reserves; co-insurance; the problem of valued-policy laws; (3)*the general principle of public supervision with regard to the different forms of insurance, and the wider question of public ownership.

Mj. Autumn Quarter; 9:30

ASSISTANT PROFESSOR DAVENPORT

8. **The Mathematics of Insurance.**—This course presupposes some acquaintance with the descriptive aspect of Insurance. The course is devoted particularly to the mathematical principles of Life Insurance. The necessary elements of the theory are selected from the theories of probability, finite differences, and interpolation. Applications are made in particular to the following problems: the examination of the different mortality tables and the basing of mortality rates thereon; the loading for expenses and reserves and the variations of premiums, as affected by the prospective earnings of investments;

the computation of total reserves; the fixation of loan and surrender values and of paid-up insurance, whether for life or by term extension; the computation of present and deferred annuities as affected by considerations of age, life, term, endowment, joint-life, and annuity policies.

Prerequisite: *Trigonometry and College Algebra*.

[Not to be given in 1906-7]

9. **Law of Insurance.**—Insurable interest in various kinds of insurance and when it must exist; beneficiaries; the amounts recoverable and valued-policies; representations; warranties; waiver and powers of agents; interpretation of phrases in policies; assignment of insurance. \$5 extra is charged for this course.

Textbook: Wambaugh, *Cases on Insurance*. See Law School announcement.

Mj. Autumn Quarter (two hours), and First Term, Winter Quarter.

ASSISTANT PROFESSOR BIGELOW

10. **Accounting.**—The interpretation of accounts viewed with regard to the needs of the business manager rather than those of the accountant: the formation and meaning of the balance sheet; the profit and loss statement and its relation to the balance sheet; the capital accounts, surplus, reserve, sinking funds; reserve funds, their use and misuse; depreciation accounts; other accounts appearing on credit side; assets; methods of valuation; confusing of assets and expenses; capital expenditures and operating expenses; capital assets, cash and other reserves.

Prerequisite: *The Course in Bookkeeping offered by the Department of Mathematics*.

Mj. Winter Quarter; 11:00

MR. ARNETT

11. **Special Problems in Accounting.**—(a) Bank accounting. (b) Auditing: the duties of an auditor; methods of procedure; practice; problems frequently met. (c) Appraisal and Depreciation. (d) Railway Accounting: a consideration of the principal features; determination of the four main divisions of expense; the relation between capital expenditures and profit and loss. (e) The Public Accountant: legal regulations; duties and methods; constructive work in devising a system of accounting to fit special needs; practice in comparison of various systems; the advantages of various devices, loose-leaf and card systems; voucher system; cost keeping.

Conducted by experts from Chicago institutions.

[Not to be given in 1906-7]

12. **Modern Business Methods, Principles of Commercial Law.**—The purpose of the course is to give the student a knowledge of the fundamentals of business law. The law of contracts, sales, negotiable instruments, agency, and partnership will be considered. The law of corporations will be studied with special reference to economic problems, the following topics receiving attention: the organization of a corporation, capitalization, corporation securities, common and preferred stocks, bonds, the duties of officers and directors, the legal powers of a corporation, the dissolution and liquidation of corporations.

Mj. Spring Quarter; 2:00

MR. MORRIS

GROUP III. GENERAL ECONOMIC FIELD

20. **History of Political Economy.**—Lectures, Reading, and Reports. This course treats of the development of Political Economy as a systematic body of doctrine; of the formation of economic conceptions and principles, policies, and systems. Both the history of topics and doctrines and that of schools and leading writers will be studied. The student will be expected to read prescribed portions of the authors bearing on cardinal principles. A special feature of the work will be a thorough study of Adam Smith and of Ricardo. Mj. Autumn Quarter; 11:00

ASSISTANT PROFESSOR VEBLEN

21. **Scope and Method of Political Economy.**—The course treats of the premises on which the analysis of economic problems proceeds, the range of problems usually taken up for investigation by economists, the methods of procedure adopted in their solution, the character of the solutions sought or arrived at, the relations of Political Economy to the other moral sciences, as well as to the influence of the political, social, and industrial situation in determining the scope and aim of economic investigation. Special attention is given to writers on method, as Mill, Cairnes, Keynes, Roscher, Schmoller, Menger. Mj. Winter Quarter; 11:00

MR. ———

22. **Finance.**—A comprehensive survey of the field of public finance. The treatment is both theoretical and practical, and the method of

presentation historical as well as systematic. The main emphasis is placed upon the study of taxation, although public expenditures, public debts, and financial administration are considered.

Mj. Spring Quarter; 8:30

ASSISTANT PROFESSOR DAVENPORT

23. **Tariffs, Reciprocity, and Shipping.**—The course of legislation and the development of our commercial policy are followed, and an effort made to indicate the influence of our protective tariffs upon the development of our domestic industries, upon the growth and character of our international trade, and incidentally upon the occurrence of industrial crises and the continuance of industrial prosperity at different periods in our history. Foreign trade policies and schemes for imperial tariff federation are taken up, and especial attention given to the negotiation of reciprocity treaties, as well as to recent attempts which have been made through federal legislation granting subsidies to build up American shipping. Mj. Autumn Quarter; 11:00

ASSISTANT PROFESSOR CUMMINGS

24. **Financial History of the United States.** In this course the Financial History of the United States is followed from the organization of our national system in 1789 to the close of the Spanish War. The following topics may be mentioned as indicating the scope of the course; the funding and management of the Revolutionary and other war debts; the First and Second United States Banks; the Independent Treasury; the present national banking system; Civil War financiering with especial reference to bond and note issues, and resort to legal-tender currency; the demonetization of silver and issue of silver certificates; inflation of the currency and the gold reserve; the currency act of 1900. This study of the course of legislation upon currency, debts, and banking in the United States is based upon first-hand examination of sources, and students are expected to do original research work. Mj. Autumn Quarter; 2:00

DR. HOXIE

25. **Economic Factors in Civilization.**—The course is intended to present a genetic account of the modern economic system by a study of its beginnings and the phases of development through which the present situation has been reached. To this end it undertakes a survey of the

growth of culture as affected by economic motives and conditions. With this in view, such phenomena as the Teutonic invasion of Europe, the Feudal system, the rise of commerce, the organization of trade and industry, the history of the condition of laborers, processes of production, and changes in consumption, will be treated.

Mj. Spring Quarter; 11:00

MR. ———

26. **Problems of American Agriculture.**—Special attention will be given to the extension and changes of the cultivated area of the United States; the methods of farming; the influence of railways and population, and of cheapened transportation; the fall in value of eastern farm lands; movements of prices of agricultural products; European markets; competition of other countries; intensive farming; diminishing returns; farm mortgages; and the comparison of American with European systems of culture.

Mj. Winter Quarter; 2:00

ASSISTANT PROFESSOR HILL

27. **Colonial Economics.**—The economics of colonial administration, including some account of commercialism, past and present, and of modern trade theories of imperial federation, trade relations, financial policies and economic development and dependence of colonies. A brief historical account of American and foreign experience serves as introduction to a fuller consideration of economic problems involved in modern colonial administration. In the light of this experience study is undertaken of some economic problems which have arisen in Cuba, Porto Rico, Hawaii, and the Philippine Islands.

MR. MORRIS

[Not to be given in 1906-7]

- 29, 30. **Oral Debates.**—Selected Economic Topics. Briefs. Debates. Criticism.
2M. Winter and Spring Quarters; Mon., 3:00-6:00.

ASSISTANT PROFESSOR HILL,

MR. HUSTON, AND MR. GORSUCH

- 31, 32. **Argumentation.**—To be taken in connection with English 9.

2 hrs. a week. 2M. Autumn and Winter Quarters; Wed. and Fri., 3:00.

MR. HUSTON

GROUP IV. LABOR AND CAPITAL

40. **Theory of Value.**—After a brief preliminary

survey of the discussions prior to Adam Smith, the cost-of-production theory, as developed at the hands of Ricardo, McCulloch, James Mill, Senior, J. S. Mill, and Cairnes is taken up for detailed study. Then the utility theory of value, as presented by Jevons and Austrian economists, is examined. Finally, the attempts made by such writers as Marshall, Dietzel, Pantaleoni, Clark, Patten, McFarlane, Hobson, etc., to frame a more satisfactory theory of value by combining the analysis of cost and of marginal utility, are reviewed.

Mj. Autumn Quarter; 9:30

ASSISTANT PROFESSOR DAVENPORT

41 and 42. **Labor and Capital.**—Unsettled problems of distribution. The more abstruse questions of distribution will be considered. No student, therefore, can undertake the work of this course with profit who has not already become familiar with the fundamental principles. The course is open only to those who have passed satisfactorily Course 2, or who can clearly show that they have had an equivalent training. The subjects to be considered will be as follows: The wages-fund and other theories of wages, the interest problem, managers' profits, and allied topics. The discussion will be based upon selected passages of important writers. The study of wages for example, will include reading from Adam Smith, Ricardo, J. S. Mill, Longe, Thornton, Cairnes, F. A. Walker, Marshall, George, Böhm-Bawerk, Hobson, J. B. Clark, and others. Students will also be expected to discuss recent important contributions to these subjects in current books or journals.

2Mj. Winter and Spring Quarters; 12:00

PROFESSOR LAUGHLIN

43. **Economics of Workingmen.**—Continuing the study of distribution (Course 41), examination is here undertaken of social movements for improving the condition of labor, to determine how far they are consistent with economic teaching, and likely in fact to facilitate or to retard economic betterment of workingmen. Efforts to increase earnings through modification of the wages system itself, resort to legislation, and the purposes and practices of labor organization are discussed, and the effect upon labor efficiency, earning capacity and steadiness of employment, of modern industrial systems; workingmen's insurance; co-operation; profit-sharing; competition of women and children;

industrial education; social-settlement work; consumers' leagues. Interest centers about practical efforts for economic amelioration of employment conditions in "sweated" and in other industries. These studies are supplemented by statistical data on the condition of labor in different countries.

Mj. Winter and Summer Quarters; 9:30

ASSISTANT PROFESSOR CUMMINGS

NOTE.—Although open in certain cases to students of Sociology and others who have had the equivalent of the economic Courses 1 and 2, this course can be taken to best advantage by those only who have already had Course 41.

44. **Socialism.**—A history of the growth of socialistic sentiment and opinion as shown in the socialistic movements of the nineteenth century, and the position occupied by socialistic organizations of the present time. The course is in part historical and descriptive, in part theoretical and critical. The programmes and platforms of various socialistic organizations are examined and compared, and the theories of leading socialists are taken up in detail. Marx is given the chief share of attention, but other theoretical writers, such as Rodbertus, Kautsky, Bernstein, are also reviewed. The factors which at the present time further or hinder the spread of socialism, and what are its chances of being carried through or of producing a serious effect upon the institutions of modern countries, are considered.

Mj. Spring Quarter; 9:30

MR. ———

45. **Organization of Business Enterprise—Trusts.**—A discussion of the growth of the conditions which have made large business coalitions possible, the motives which have led to their formation, the conditions requisite to their successful operation, the character and extent of the advantages to be derived from them, the drawbacks and dangers which may be involved in their further growth, the chances of governmental guidance or limitation of their formation and of the exercise of their power, the feasible policy and methods that may be pursued in dealing with the trusts. The work of the course is in large part investigation of special subjects, with lectures and assigned reading.

Mj. Autumn Quarter; 9:30

MR. ———

46. **Trade Unions and the Labor Movement.**—An historical and comparative study of the trades

union movement in the United States and in foreign countries. Negotiation and maintenance of wage-compacts; methods of arbitration, conciliation and adjustment; trades-union insurance and provision for the unemployed; incorporation and employees' liability; the precipitation and conduct of strikes; and in general all concrete issues involved in the organization of labor for collective bargaining with employers, with especial reference to the working programmes of the more important trades unions at the present time. Winter Quarter; 9:30

ASSISTANT PROFESSOR CUMMINGS

47. The Industrial Revolution and Labor Legislation.

—The social consequences to the wage-earner of the development of the factory system of industry and of industrial development, more particularly during the last half of the nineteenth century, are taken up historically and descriptively. The social status of the modern wage-earner is contrasted with that of the handicraftsman working under more primitive conditions, and especial attention is given to the development of the modern wages system of remuneration, to the historical modification of the labor contract in its legal aspects, and, finally, to the course of labor legislation which has in different countries accompanied industrial reorganization and development.

ASSISTANT PROFESSOR CUMMINGS

[Not to be given in 1906-7]

48. The Legal Status of Labor.—The labor contract; the liability of the employer to the employee and the fellow-servant doctrine; protective legislation; factory regulations, the labor of women and children; combinations of workmen, trades unions, strikes, boycotts, blacklists, and the use of injunction in labor disputes.

M. First Term, Summer Quarter; 2:30

DR. S. P. BRECKINRIDGE

GROUP V. MONEY AND BANKING

50. Money and Practical Economics.—An examination is first made of the principles of money, whether metallic or paper; then either the subject of metallic or paper money is taken up and studied historically, chiefly in connection with the experience of the United States, as a means of putting the principles into practice. Preliminary training for investigation is combined in this course, with the acquisition of desirable statistical information on practical questions of

the day. The student is instructed in the bibliography of the subject, taught how to collect his data, and expected to weigh carefully the evidence on both sides of a mooted question. The work of writing theses is so adjusted that it corresponds to the work of other courses counting for the same number of hours.

Mj. Autumn Quarter; 12:00

PROFESSOR LAUGHLIN

51. Advanced Course in Money.—After having been drilled in the general principles of money (Course 50), the student is given an opportunity to examine the more difficult problems of money and credit.

PROFESSOR LAUGHLIN

[Not to be given in 1906-7]

52. The Theory and History of Banking.—The course will begin with a description of the functions of a bank, followed by the history of Banking in the United States, including the First and Second Banks of the United States, the national banking system, state banks and trust companies. The salient points in the constitution and policy of the Bank of England, the Reichsbank, the Bank of France, and other great European banks will be taken up. A careful study will also be made of the banking systems of Scotland and Canada. The following points will be considered: note issue, deposit currency, loans, reserves, clearing-houses, the relation of banks to the government, the relation of banks to commercial crises, branch banking, and international exchange. Finally, a critical examination will be made of proposed modifications of the national banking system of the United States.

Mj. Winter Quarter; 2:00

MR. MORRIS

53. Practical Banking.—This course is designed to give the student who is preparing to become a banker a knowledge of the manner in which banking operations are conducted. The following topics will receive attention: the manner of organizing a bank, the duties of different officers and employees, the departments of a bank's work, the services that banks perform for the business man, the loan market, the rate of discount, the bill broker, the principles upon which loans are made, the credit department of a bank, the various kinds of security, the difference between negotiable instruments and other contracts, the forms of negotiable paper, the legal relationship of different parties to nego-

tiable paper, dishonor and protest, the relation of banks to one another, operations of the clearing house, the relation of banks to the stock exchange, the financing of corporations, collections, transmission of money, foreign exchange, methods of bookkeeping.

MR. MORRIS

[Not to be given in 1906-7]

54. **Commercial Crises.**—This course treats of the history and theory of crises. After a brief consideration of the earlier periods of depression, a detailed study will be made of the fluctuations of industry in the nineteenth century. The conditions preceding crises and the course of events during the periods of depression and subsequent revival will be investigated. The different factors popularly regarded as related to crises, such as the organization of industry, speculation, overinvestment, overproduction, the condition of the finances of the government, and the monetary system, will be analyzed. A careful study will be made of the operations of credit before and during periods of depression.

MR. MORRIS

[Not to be given in 1906-7]

GROUP VI. RAILWAYS

60. **Railway Transportation.**—The economic, financial, and social influences arising from the growth of modern railway transportation, especially as concerns the United States, will be discussed. An account of the means of transportation developed in Europe and America during the early part of this century; the experiments of the states in constructing and operating canals and railways; national, state, and municipal aid to private companies; the rapid and irregular extension of the United States railway system; the failures of 1893; the reorganizations and consolidations since that time, with some attention to railway building in other countries, will form the historical part of the work. A discussion of competition, combination, discrimination, investments, speculation, abuse of fiduciary powers; state legislation and commissions, and the Interstate Commerce Act, with decisions under it; and the various relations of the state, the public, the investors, the managers and the employees, will form the most important part of the work. This course gives a general view of the subject. Students who wish to continue the work by investigating special problems will have

an opportunity to do so under Courses 61 and 62.

Mj. Autumn Quarter; 2:00

ASSISTANT PROFESSOR HILL

61. **The Regulation of Railway Rates.**—A comparative study of the experience of the United States, Great Britain, Germany, France, Austria-Hungary, Russia, and Australia, made for the purpose of ascertaining: (a) whether the public regulation of railway rates leaves the railways sufficiently unhampered to enable them to develop trade and industry; (b) whether it secures more substantial justice for the producer and the trader than does the policy of leaving railway rates to adjust themselves.

[Not to be given in 1906-7]

GROUP VII. STATISTICS

70. **Training Course in Statistics.**—The object of this course is to train students in the practical use of statistical methods of investigation. Stress is laid upon work done by students themselves in collecting, tabulating, interpreting, and presenting statistics of different orders. Members of the class are also required to make close, critical examinations of various publications of a statistical nature with a view to determining the accuracy of data and the legitimacy of inferences drawn. Students engaged in any special work of investigation are encouraged to deal mainly with data relevant to their subjects. To others special topics are assigned. It is hoped that the course may prove useful to all students whose work, in whatever department it may lie, whether in history, sociology, or in other fields of study, is susceptible of statistical treatment. Courses 70 and 72 will be given in alternate years.

Mj. Spring Quarter; 11:00

ASSISTANT PROFESSOR CUMMINGS

71. **Statistics of Wages in the Nineteenth Century.**—In this course effort is made to determine what has been the actual movement of wages during the nineteenth century. An examination is undertaken of the more important statistical investigations of wage-movements which have been made from time to time by economists, government bureaus, or other agencies, in specific industries; the object being to determine the extent to which the wage-earner has in general participated in the benefits of industrial progress and of the increased economic efficiency of labor and capital. The course is intended to be informational and descriptive in character, as

well as to give training in the collection and tabulation of statistical data.

Mj. Autumn Quarter; 8:30

ASSISTANT PROFESSOR CUMMINGS

72. **Demography.**—Statistical methods are illustrated by studies in population data, comprising the construction of actuarial tables; determination of the economic value of populations; economic aspects of the data of criminality and pauperism; growth and migration of population in the United States as "labor force," including statistics of the negro race. The development of official statistics of population, and the demo-

graphic work of government bureaus is taken up historically and critically. The object of the course is to give students training in handling population data as a basis of sociological and economic speculation, and to point out the bearing of such data and their importance in the historical development of economic theories.

ASSISTANT PROFESSOR CUMMINGS

[Not to be given in 1906-7]

GROUP VIII. THE SEMINARS

80, 81, 82. **Economic Seminar.**

3Mj. Autumn, Winter, and Spring Quarters

PROFESSOR LAUGHLIN

III. THE DEPARTMENT OF POLITICAL SCIENCE

OFFICERS OF INSTRUCTION

HARRY PRATT JUDSON, A.M., LL.D., *Professor of Comparative Politics and Diplomacy, and Head of the Department of Political Science.*

ERNST FREUND, J.U.D., PH.D., *Professor of Jurisprudence and Public Law.*

CHARLES EDWARD MERRIAM, PH.D., *Assistant Professor of Political Science.*

FELLOW, 1906-7

SAMUEL MACCLINTOCK, PH.B.

INTRODUCTORY

Political Science, as treated in the University of Chicago, relates to the organization and working of the state. It covers the philosophy of the state, the structure and working of government, international law and diplomacy, and certain fundamental branches of municipal law.

The courses are planned with two purposes: (1) to give such knowledge and training as it is believed should be a part of liberal education; and (2) to afford advanced work either for those who desire to become students of Law, or for those who need a knowledge of Political Science for other ends, whether for teaching, for journalism, or for the intelligence with regard to public affairs which should belong to an educated citizen.

The introductory course may be taken as an elective by students who have finished nine Majors in the Junior Colleges. For advanced work, students will be expected (1) to have had the introductory course, or its equivalent; (2) to have a reading knowledge of French, German and Latin; and (3) to be familiar with the outlines of general history, and with the details of modern political history. English and American constitutional history, and the fundamental courses in the Departments of Political Economy and Sociology, are especially recommended.

One Fellowship is given for the year 1906-7. Appointments are made in accordance with the general regulations of the University.

The Departmental Library is in the Law School building, with the libraries of the Departments of Philosophy, Political Economy, History, and Sociology, and with the Law library.

Attention is called to a complete set of United States documents, some 5,000 volumes, in the General Library of the University.

The Chicago Public Library, the Crerar Library, and the Newberry Library afford much aid, and through the courtesy of the officers of the Chicago Law Institute, students have been able to use the valuable collection in that Library.

The Club of Political Science meets bi-weekly for the discussion of topics of general interest.

Such work as seems worthy of preservation and distribution will be published from time to time in a series

of monographs. For the present it is intended that the series shall relate to the city of Chicago. The following monographs have thus far been published :

The Constitution of the Argentine Republic. The Constitution of the United States of Brazil; with Historical Introduction and Notes by ELIZABETH WALLACE, Docent in Spanish and in Latin-American Institutions in the University of Chicago. Chicago: The University of Chicago Press, 1894.

The Legal Nature of Corporations. By ERNST FREUND, J.U.D., Professor of Jurisprudence in the University of Chicago. Chicago: The University of Chicago Press, 1897.

The Charters of the City of Chicago. Part I: The Early Charters. By PROFESSOR EDMUND JAMES JAMES, PH.D. Chicago: The University of Chicago Press, 1898.

The Charters of the City of Chicago. Part II. By PROFESSOR EDMUND JAMES JAMES, PH.D. Chicago: The University of Chicago Press, 1899.

In the University Law School the following courses are required of candidates for the Doctorate of Philosophy in the Department of Political Science: Contracts (the first half of the course), Torts, General Constitutional Law, Federal Constitutional Law, Administrative Law, Municipal Corporations.

COURSES OF INSTRUCTION

THE STATE AND GOVERNMENT IN GENERAL

1. **Civil Government in the United States.**—This course is devoted to an analysis of the structure and working of government in the United States, local, state, and national. For the Junior Colleges.

Mj. Autumn Quarter; 11:00. Mj. Spring Quarter; 9:30.

ASSISTANT PROFESSOR MERRIAM

NOTE.—Students who have had an adequate course in Civil Government, substantially equivalent to the above, in the high school or academy, will be excused from this course. Otherwise Course 1 is a prerequisite to all courses in the Department (except the courses in Jurisprudence).

11. **Comparative Politics, I: Comparative National Government.**—A comparative study of the constitutions and constitutional law of leading nations, as France, Germany, Switzerland, Great Britain, and the United States. For the Graduate Schools and the Senior Colleges. Not open to Juniors.

Mj. Winter Quarter; 9:30
PROFESSOR JUDSON

Prerequisite: *Course 1, or its equivalent.*

12. **Comparative Politics, II: Federal Government.** The principal federations of recent times are studied—the United States, Germany, Switzerland, Canada, Australia, the Confederate States. For the Graduate Schools; open to Seniors with two Majors' credit in Political Science.

PROFESSOR JUDSON

[Not to be given in 1906-7]

13. **Comparative Politics, III: State Governments in the United States.**—A comparative study of the structure and workings of the governments of the various states. The historical development

of state constitutions; suffrage qualifications; organization and action of the state legislature, executive, and judiciary; amendment of state constitutions; leading tendencies in state administration. For the Graduate Schools; open to Seniors.

Mj. Spring Quarter; 8:30

ASSISTANT PROFESSOR MERRIAM

14. **Comparative Politics, IV: Municipal Government.**—A comparative study of the modern municipality, American and European, in its political aspects. Municipal home rule; popular participation in city government; the municipal legislature; the executive; administration of public health and safety, charities and corrections, schools, public works, and finances. For the Senior Colleges. Open to Juniors with consent of instructor.

Mj. Winter Quarter; 11:00

ASSISTANT PROFESSOR MERRIAM

Prerequisite: *Course 1, or its equivalent.*

15. **Comparative Politics, V: The Government of Colonies.**—A study of the political development of the European colonial system in the nineteenth century. European control in the far east, in Africa, and in Oceania. For the Graduate Schools; open to Seniors with two Majors' credit in Political Science.

PROFESSOR JUDSON

[Not to be given in 1906-7]

16. **The Development of Civil Liberty.**—A study of restrictions on government, from Magna Charta to present constitutions. For the Graduate

Schools; open to Seniors with four Majors' credit in Political Science.

PROFESSOR JUDSON

[Not to be given in 1906-7]

GOVERNMENTS

17. **The Government of Great Britain.**—A somewhat detailed study, historical and descriptive, of the British system. For the Graduate Schools; open to Seniors with two Majors' credit in Political Science.

PROFESSOR JUDSON

[Not to be given in 1906-7]

18. **The Government of France.**—A somewhat detailed study of the French system, as it has developed since the Revolution. For the Graduate Schools; open to Seniors with two Majors' credit in Political Science.

PROFESSOR JUDSON

[Not to be given in 1906-7]

19. **The Government of Germany.**—A study of the German Empire. For the Graduate Schools; open to Seniors.

ASSISTANT PROFESSOR MERRIAM

[Not to be given in 1906-7]

- 19A. **The Government of Russia.**—A study of the political organization of the monarchy. For the Graduate Schools; open to Seniors.

Mj. Winter Quarter; 2:00

MR. S. N. HARPER

20. **The Government of Chicago and Illinois.**—A detailed study of the structure and workings of the government of Chicago, Cook County, and the state of Illinois. For the Senior Colleges.

ASSISTANT PROFESSOR MERRIAM

Prerequisite: *Course 1, or its equivalent.*

[Not to be given in 1906-7]

POLITICS AND LAW

21. **The Process of Legislation and Parliamentary Law.**—A study of legislative structure and procedure, national, state, and municipal; also of the structure and procedure of political conventions and similar bodies, and the theory and practice of parliamentary law. For the Senior Colleges.

PROFESSOR JUDSON

Prerequisite: *Course 1, or its equivalent.*

[Not to be given in 1906-7]

22. **Political Parties.**—A study of the organization and methods of action of modern political parties in the United States. Growth of the party

system; primary and convention systems; permanent party organization; elements of cohesion in parties; reform movements and measures; theory of the party system. For the Senior Colleges. Open to Juniors with consent of instructor.

Mj. Autumn Quarter; 12:00

ASSISTANT PROFESSOR MERRIAM

23. **Municipal Problems.**—A detailed study of special problems in municipal organization and administration. For the Graduate Schools.

ASSISTANT PROFESSOR MERRIAM

Prerequisite: *Courses 1 and 23 or equivalent.*

[Not to be given in 1906-7]

25. **History of Political Theory.**—This course traces the development of political theories down to the present time. The Classical period; the Medieval period; the Renaissance and the Reformation; the Revolutionary era; the period of reaction; the Austinian school; modern individualism and collectivism. For the Graduate Schools; open to Seniors.

Mj. Winter Quarter; 8:30

ASSISTANT PROFESSOR MERRIAM

26. **Principles of Political Science.**—This course presents a systematic study of the principles of political science. Scope and method of political theory; the nature of the state; the origin and basis of the state; sovereignty; the forms of the state; functions of the state. For the Graduate Schools; open to Seniors.

ASSISTANT PROFESSOR MERRIAM

[To be given in 1907-8]

Courses 25 and 26 are given in alternate years.

27. **American Political Theories.**—This course covers the development of American political ideas. The Colonial period; the Revolution; Jeffersonian Democracy; Jacksonian Democracy; the Slavery controversy; the nature of the Union; recent tendencies. For the Graduate Schools; open to the Senior colleges.

M. First Term, Summer Quarter, 1906

ASSISTANT PROFESSOR MERRIAM

31. **General Constitutional Law.**—Written constitutions: (a) making, revision, and amendment; (b) judicial power to declare laws unconstitutional. Due process of law and the separation of powers: due process in administrative proceedings; legislative action and due process; due process in judicial proceedings; independence of the judiciary. Delegation of legislative

power. Limitations of legislative power: equality; liberty; property. For the Graduate Schools and Seniors with 27 Majors of credit. Textbook: Thayer, *Cases on Constitutional Law*, Vol. I. Mj. Autumn Quarter; 2:00

PROFESSOR FREUND

32. **Federal Constitutional Law.**—Federal jurisdiction and express powers; implied powers; citizenship; privileges and immunities of citizens; suffrage; effect of later amendments; taxation; *ex post facto* and retroactive laws; laws impairing obligations of contracts; regulation of commerce; money; war. For the Graduate Schools and Seniors with 27 Majors of credit. Textbook: Thayer, *Cases on Constitutional Law*, Vols. I (part) and II.

Mj. Spring Quarter; 3:00

PROFESSOR HALL

33. **Municipal Corporations.**—General nature; corporate capacity; self-government; creation, annexation, division, dissolution, succession; mode of action, ratification and curative acts; estoppel by recitals; municipal police power; local improvements and services, including special assessments; municipal property, especially public streets; municipal contracts; expenditures and donations; indebtedness; constitutional limit; liability. For the Graduate Schools. Textbook: Smith, *Cases on Municipal Corporations*.

Mj. Winter Quarter; 2:00

PROFESSOR FREUND

34. **Public Officers.**—Nature of office; eligibility; appointment and election; acceptance of office; qualifying for office; *de facto* officers; termination of officer's authority by expiration of term; resignation; removal; acceptance of incompatible office, etc.; authority of officer and its execution; liability of officer and the public; special remedies affecting official action. For the Graduate Schools. (Course 31 is a prerequisite.) Textbook: Mechem, *Public Officers*, and *Cases*.

Mj. Winter Quarter

PROFESSOR MECHEM (Law School)

35. **Administrative Law.**—Validity and construction of administrative powers; discretion; procedure; enforcement; remedies against wrongful administrative action; conclusiveness.

PROFESSOR FREUND

[Not to be given in 1906-7]

36. **Contracts.**—Mutual assent and the necessity of its communication; offers and their expiration or

revocation; necessity of consideration; requisites of contracts under seal; rights of beneficiaries and assignees. Open to Seniors with 27 Majors of credit. An extra fee of \$5 is charged for this course.

Mj. Autumn Quarter

PROFESSOR WHITTIER (Law School)

NOTE.—This first half of a two-Major course in the Law School is recommended especially to Political Science students. Examinations will be held at the end of the whole course in the Winter Quarter.

37. **Torts.**—Trespass to person, to real property, and to personal property; excuses for trespass; conversion; legal cause; negligence; contributory and imputed negligence; plaintiff's illegal conduct as a defense; duties of land owners; hazardous occupations; liability for animals; deceit; defamation: slander, libel, privilege, malice; malicious prosecution, criminal and civil; interference with social and business relations: inducing breaches of duty, fair and unfair competition, strikes, boycotts, business combinations. Open to Seniors with 27 Majors of credit. An extra fee of \$5 per Major is charged for this course. Textbook: Ames and Smith, *Cases on Torts*, Vols. I and II.

Autumn Quarter; First Term, Winter Quarter;

Second Term, Winter Quarter

(2 hrs.). 37A.

PROFESSOR HALL (Law School)

39. **Roman Law.**—History of Roman Law and its reception in other countries; system of procedure, especially of causes and forms of action; elementary principles of the law of persons and property, and their development in modern civil law; comparison between civil- and common-law treatment of similar problems. For the Graduate Schools; open to Seniors and recommended to pre-legal students. Textbook: Sandar, *Institutes of Justinian*.

PROFESSOR FREUND

[Not to be given in 1906-7]

41. **The Elements of International Law.**—The Major Course in the Summer and in the Autumn will be devoted to the law of peace and the law of war. The half-Major course in the Winter will be devoted to the law of neutrality. For the Graduate Schools and the Senior Colleges. Prerequisite: *Course 1 or its equivalent*.

Mj. Autumn Quarter; 9:30

Winter Quarter; 9:30

PROFESSOR JUDSON

41A. $\frac{1}{2}$ Mj.

DIPLOMACY

43. **Recent Diplomatic History of Europe.**—The principal European treaties of the last century are examined, with an especial view to ascertain the main principles of existing international agreements. Especial attention is given to treaties involving colonial relations. For the Graduate Schools and the Senior Colleges.

Spring Quarter; 9:30

PROFESSOR JUDSON

44. **Diplomatic History of the United States.**—The treaty relations of the United States are studied in detail, including an analysis of documents and an examination of methods. For the Graduate Schools and the Senior Colleges.

PROFESSOR JUDSON

[Not to be given in 1906-7]

THE SEMINARS

- 51, 52. **Seminar in Politics.**—These courses are intended for advanced students whose principal work is Political Science, and who are prosecuting research in special topics. For the Graduate Schools.

2Mj. Autumn and Winter Quarters. Tues., 4:00-6:00.

PROFESSOR JUDSON

COURSES IN POLITICAL SCIENCE OFFERED BY OTHER DEPARTMENTS

Credit in the Department of Political Science will be given for the following courses offered by other Departments:

THE DEPARTMENT OF HOUSEHOLD ADMINISTRATION
VI A, 20. **The State in Relation to the Household.**

Mj. Spring Quarter; 8:30

DR. BRECKINRIDGE

THE DEPARTMENT OF LATIN

- XII, 51. **Research Course in Roman Politics.**—The political History of the years 62-57, 49-48, and 44-43 B. C. will be studied from the sources; the careers of the leading politicians of those years will be followed, and the character and purpose of the several political parties will be examined.

PROFESSOR ABBOTT

[Not to be given in 1906-7]

- XII, 55. **Roman Provincial Administration.**—A study of the Roman system of government and taxation in the provinces, based mainly upon Cicero's orations against Verres and his letters from Cilicia, Pliny's correspondence with Trajan, and the inscriptions.

PROFESSOR ABBOTT

[Not to be given in 1906-7]

IV. THE DEPARTMENT OF HISTORY

OFFICERS OF INSTRUCTION

ANDREW CUNNINGHAM McLAUGHLIN, LL.B., A.M., *Professor and Head of the Department of History.*
BENJAMIN TERRY, Ph.D., LL.D., *Professor of Mediæval and English History.*
EDWIN ERLE SPARKS, Ph.D., *Professor of American History.*
OLIVER JOSEPH THATCHER, Ph.D., *Associate Professor of Mediæval and English History.*
FRANCIS WAYLAND SHEPARDSON, Ph.D., LL.D., *Associate Professor of American History.*
FERDINAND SCHWILL, Ph.D., *Associate Professor of Modern History.*
JAMES WESTFALL THOMPSON, Ph.D., *Assistant Professor of European History.*
JOSEPH PARKER WARREN, Ph.D., *Instructor in History.*

JAMES HENRY BREASTED, Ph.D., *Professor of Egyptology and Oriental History.*
ROBERT JOHNSON BONNER, Ph.D., *Instructor in Greek and in Ancient History.*

FELLOWS, 1906-7

CLARENCE ADDISON DYKSTRA, A.B.
MILO MILTON QUAIFE, Ph.B.

CORINNE LELIA RICE, Ph.B.
HENRY SMITH, Ph.B.

INTRODUCTORY

The undergraduate courses offered by the Department of History have been so arranged as to meet the needs, not only of the advanced work of the Department of History, but also of such other departments of the University as may require some preliminary training in history.

Two outline courses in general history are provided for students of the Junior Colleges, one an outline of the Mediæval period of European History, and the other an outline of the Modern period. A third course, an outline of the History of the United States since 1765, with Courses 1 and 2, will provide one year of continuous work for the general student. These courses, so far as possible, should be taken in the Junior Colleges and in order.

The courses offered in the Senior Colleges are divided into five groups and are arranged as follows :

Group A. *Ancient Oriental and Classical History*, from the beginning of civilization in Egypt and western Asia, to the age of the Antonines.

Group B. *The Development of Mediæval Europe*, from the decline of the ancient classical civilization to the beginning of the Reformation.

Group C. *The History of Modern Europe*, from the Reformation to the close of the nineteenth century.

Group D. *The Constitutional and Political History of England*.

Group E. *The Constitutional and Political History of the United States*.

Of these groups it is recommended that students who propose to fit themselves for graduate work in History, instead of taking the Courses 1, 2, and 3, complete Group A or Group B in the second year of the Junior College, Group B or Group C or Group D in the first year of the Senior College, and Group C or Group D or Group E in the second year of the Senior College.

It is further designed that Group A shall meet the needs of those students who intend to take up graduate work in the Semitic or Classical or related Departments: Groups A and B, the needs of those students who propose to enter the Divinity School; Groups B and C, those who enter the Romance or Germanic Departments; Group D, the English Department; Groups D and E, the Department of Political Science; Groups C, D and E, the Departments of Political Economy, or Sociology.

In the Graduate School, full liberty is allowed in the choice of subjects. Special courses are offered upon topics connected with Ancient, Mediæval or Modern European, or American History. In general, these subjects will be varied from year to year in regularly recurring series.

For advanced students, special seminar courses are conducted each Quarter under the direction of a Professor, for the double purpose of introducing the student to the methods of historical research, and also for the investigation of unsettled or disputed questions.

The Historical Club, a voluntary organization of teachers and students, meets fortnightly for the reading and discussion of papers and the review of books and journals.

In addition to the general requirements for degrees specified in the *Annual Register*, pp. 64, 65, the following special requirements are announced. For convenience, five subdivisions of the field of history are recognized in the work of the Department: (a) ANCIENT HISTORY, including Oriental and Classical History; (b) MEDIÆVAL HISTORY; (c) MODERN EUROPEAN HISTORY, including contemporary ENGLISH HISTORY; (d) ENGLISH AND AMERICAN HISTORY; (e) AMERICAN HISTORY and contemporary EUROPEAN HISTORY.

1. The candidate for the Doctor's degree in History will be expected to pass an examination not only upon the courses which he may have taken in the Graduate School, but also upon the general field of History. But the main stress of the examination will fall upon that one of the five subdivisions within which the topic of the thesis submitted lies.

2. In selecting a secondary subject for examination, the utmost liberty in the choice of a Department is allowed. In each case the Department concerned will determine the amount to be submitted.

3. In cases where History is chosen as a secondary subject, the candidate may submit for examination any one of the five subdivisions mentioned above.

4. In all cases, the candidate shall also have completed Courses 1 and 2 of the Department of Political Economy, Course 11 of the Department of Political Science, and Course 72 of the Department of Sociology.

5. For the Master's degree at least one year's work in the Graduate School shall be submitted for examination. See also the general requirements in this *Register*, pp. 64, 65.

6. The candidate, in all cases where History is presented, either as a principal subject or a secondary subject for the Doctor's degree, shall, in addition to the general requirements in French and German, be expected to have such knowledge of the language or languages in which the chief sources of the main period submitted appear, as shall enable him to use such sources independently.

7. In all cases candidates are advised to call upon their respective examiners a month before the proposed examination, and definitely inform each of the work done, and of the topics which it is proposed to submit for examination.

The aim of the Department is to furnish in its library a laboratory for the student of History. Large purchases, especially of collections of sources, have lately been made. For English and American History, the Early Mediaeval period, the French Revolution and early nineteenth century the collection is already extensive. The library is also furnished with the leading journals devoted to history. The libraries of the related Departments of Political Science, Political Economy, Sociology, Church History, Comparative Religion, and Semitic Languages are also available. Besides the libraries of the University, the Chicago Public Library, the Newberry Library, the Crerar Library, and the Library of the Chicago Historical Society add to the facilities for original investigation.

A Scholarship, yielding the amount of the tuition fees for three Quarters (\$120), is awarded annually to that student who, having completed the work of the Junior Colleges, has maintained high standing in history in those colleges and has passed the best examination.

A Scholarship, yielding the amount of the tuition fees for three Quarters (\$120), is awarded annually to that student who, having completed the work of the Senior Colleges, has maintained high standing in history in those colleges, and has passed the best examination.

The Colonial Dames of America in the State of Illinois have provided a Scholarship yielding annually the amount of \$300, to be awarded under special conditions to be announced later.

Several Fellowships, yielding stipends of \$320 upon the average, are awarded annually for the encouragement of graduate work in this Department.

COURSES OF INSTRUCTION

1. The Mediaeval Period.

Mj. Summer Quarter; 8:00
ASSOCIATE PROFESSOR THATCHER
Autumn Quarter; 8:30
Winter Quarter; 9:30
Spring Quarter; 8:30
DR. ———
DR. ———

2. The Modern Period.

Mj. Summer Quarter; 9:30
ASSISTANT PROFESSOR THOMPSON
Autumn Quarter; 9:30
Winter Quarter; 8:30
Spring Quarter; 9:30
DR. WARREN
DR. ———

3. The United States.

Winter Quarter; 8:30
Spring Quarter; 8:30
DR. WARREN
DR. ———

II. SENIOR COLLEGE COURSES

GROUP A. ANCIENT ORIENTAL AND CLASSICAL HISTORY

4. The History of Antiquity to the Fall of the Persian Empire.

Mj. Autumn Quarter; 2:00
PROFESSOR BREASTED

5. The History of Greece to the Death of Alexander.
— An outline study of the development of the political and social life of the Greek people.

Mj. Summer Quarter; 10:30
Mj. Winter Quarter; 11:00
DR. BONNER

6. The History of Rome to the Death of Constantine.
Of a character similar to that of Course 5.

Mj. Spring Quarter; 11:00
DR. BONNER

GROUP B. THE HISTORY OF EUROPE IN THE MIDDLE AGES

7. The Dark Ages, 50 A. D. to 814 A. D.

Mj. Autumn Quarter; 12:00
ASSISTANT PROFESSOR THOMPSON

8. The Feudal Age, 814 A. D. to 1250 A. D.

Mj. Winter Quarter; 12:00
ASSISTANT PROFESSOR THOMPSON

9. The Age of Renaissance, 1250 A. D. to 1500 A. D.

Mj. Spring Quarter; 12:00
ASSISTANT PROFESSOR THOMPSON

GROUP C. THE HISTORY OF EUROPE IN THE MODERN PERIOD

10. Europe during the Reformation.

Mj. Autumn Quarter; 12:00
ASSOCIATE PROFESSOR SCHWILL

11. Europe in the Seventeenth and Eighteenth Centuries. Mj. Winter Quarter; 12:00

ASSOCIATE PROFESSOR SCHWILL

12. Europe from 1789 to 1815.

Mj. Summer Quarter; 10:30

ASSISTANT PROFESSOR THOMPSON

Spring Quarter; 9:00

DR. WARREN

13. Europe in the Nineteenth Century.

Mj. Spring Quarter; 1908

DR. WARREN

GROUP D. THE HISTORY OF ENGLAND

14. The Constitutional and Political History of England to the Reign of Edward I.—Recommended for students in the pre-legal year preparatory to entering the Law School.

Mj. Autumn Quarter; 11:00

PROFESSOR TERRY

15. The Constitutional and Political History of England from the Reign of Edward I. to the Revolution of 1688.—Recommended for students in the pre-legal year preparatory to entering the Law School.

Winter Quarter; 11:00

PROFESSOR TERRY

16. The Constitutional and Political History of England in the Eighteenth and Nineteenth Centuries. Mj. Spring Quarter; 11:00

PROFESSOR TERRY

- 16A. The Constitutional and Political History of England in the Eighteenth Century.

M. Summer Quarter; 10:30

PROFESSOR TERRY

GROUP E. THE HISTORY OF THE UNITED STATES

18. The History of the United States from 1789-1815.

Mj. Autumn Quarter; 8:30

ASSOCIATE PROFESSOR SHEPARDSON

19. The History of the United States from 1815 to the Civil War.

Mj. Winter Quarter; 8:30

ASSOCIATE PROFESSOR SHEPARDSON

20. The History of the United States since 1861.

Mj. Spring Quarter, 8:30

ASSOCIATE PROFESSOR SHEPARDSON

III. GRADUATE COURSES

NOTE.—See the courses: Comparative Religion 2, 3, 4; Semitic 98, 106, 110, 113-116, 176, 226; Biblical Greek 10-13; Greek 17, 24, 25, 32, 47; Latin 50, 51, 54, 55, 57, 58, 78, 79.

30. Introduction to the Study of Mediæval and Modern History.—The interpretation of history, the

law of progress, the essential elements of modern civilization, the factors of progress, the city, the imperial idea, the Roman law, the church, feudalism, the nation, representative government, democracy. A graduate course; open to other students who have completed Courses 1 and 2.

Mj. Autumn Quarter, 1907

PROFESSOR TERRY

- 31, 32. The History of Civilization in Europe during the First Five Centuries of the Christian Era.

Part I (31). *The Roman Empire*.—General view of the empire at the death of Augustus; the political constitution; economic and social organization; the causes and progress of decline; political history from the death of Marcus Aurelius to the death of Theodosius the Great.

Mj. Winter Quarter, 1908

PROFESSOR TERRY

Part II (32). *The Expansion of the Germans over Western Europe*.—Life and institutions of the early Germans; emigration and final settlement in Central and Western Europe; political history of the empire in the fifth century; the founding of the several barbaric kingdoms; new aspects of civilization at the opening of the sixth century.

M. Summer Quarter, 11:30

Mj. Spring Quarter, 1908

PROFESSOR TERRY

36. Mediæval Institutions, A.D. 284-568.—Later Roman and Early German institutions. Growth of the civil power of the church and the rise of the papacy. The future of Roman, German, and ecclesiastical elements. Justinian and the imperial reaction.

Mj. Autumn Quarter, 1908

ASSISTANT PROFESSOR THOMPSON

37. Mediæval Institutions, A.D. 568-814.—The rise of the Franks; relations of the Franks, the Lombards, and the papacy. Charlemagne and the organization of Latin and German Europe.

Mj. Winter Quarter, 1909

ASSISTANT PROFESSOR THOMPSON

38. Mediæval Institutions, A.D. 814-912.—The breaking up of the Frank empire and the feudal organization of western Europe. The invasions of the Northmen.

Mj. Spring Quarter; 1909

ASSISTANT PROFESSOR THOMPSON

- 39, 40. The Later Carolingians and Early Capetians, 814-987.

2Mj

ASSISTANT PROFESSOR THOMPSON

[Not to be given in 1906-7]

- 41, 42, 43. **Feudalism and the French Monarchy.**—This course will be based upon the reading, in whole or in part, of the following sources of French history: *Sugerii Vita Ludovici Grossi (Vie de Louis VI. le Gros, 1108-37)* ed. of Molinier, 1887; *Galberti de Multro, Traditione et occisione Karoli Comitis Flandriarum (Histoire du meurtre de Charles le Bon)* ed. of Pirenne, 1891; supplemented by lectures, reports, collateral reading, etc. Special attention will be given to the history of institutions, the nature of feudal law, and the structure of society.

3Mj. Autumn, Winter, and Spring Quarters, 2:00.

ASSISTANT PROFESSOR THOMPSON

- 44, 45, 46. **The Hundred Years' War.**—A history of western Europe during the fourteenth and fifteenth centuries.

3Mj. Autumn, Winter, and Spring Quarters, 1907-8.

ASSISTANT PROFESSOR THOMPSON

51. **Origin and History of the Cities of Tuscany.**—The feudal settlement of Tuscany; quarrel for possession between pope and emperor; the centers of trade and the communal spirit; the early constitutions and commercial rivalries; the primacy of Florence. The class will spend part of the time in examining diplomas, bulls, constitutions, etc.; a reading knowledge of Latin required. Lectures, interpretation of documents, and reports by students.

Mj. Autumn Quarter; 3:00

ASSOCIATE PROFESSOR SCHWILL

52. **The Intellectual History of Italy in the Renaissance.**—The instructor will examine the thought of the Middle Ages and analyze the forces which disrupted it. A close study will be made of the work of Dante, Petrarch, and the humanists, together with the effect of the new thought upon state, church, society, commerce, science, and the universities. Lectures supplemented by reports prepared by the students.

Mj. Winter Quarter; 3:00

ASSOCIATE PROFESSOR SCHWILL

61. **Introduction to the Study of English History.**—Sources and literature of English history; importance of English institutions; principles of progress; development of constitutional monarchy; the awakening of the nation; the struggle for religious and political liberty; the expansion of the empire; the growth of the democracy.

Open to undergraduates who have completed an elementary course in English history.

Mj. Autumn Quarter, 12:00

PROFESSOR TERRY

62. **The Founding of the English State.**—The development of early English institutions from the earliest times to the reign of Edward I.

Mj. Winter Quarter, 12:00

PROFESSOR TERRY

63. **The Establishment of the English Constitutional Monarchy.**—The development of the parliamentary and judicial systems of England from the thirteenth to the sixteenth century.

Mj. Spring Quarter, 12:00

PROFESSOR TERRY

64. **The History of England in the Nineteenth Century.**—The growth of the democracy. Parliamentary Reform. The development of local self-government. The Eastern Question. The constitution of the British empire.

M. First Term, Summer Quarter; 11:30

PROFESSOR TERRY

65. **The Constitutional History of England from 1558 to 1625.**

DR. WARREN

[Not to be given in 1906-7]

66. **The Constitutional History of England from 1625 to 1660.**

DR. WARREN

[Not to be given in 1906-7]

67. **The Constitutional History of England from 1660 to 1702.**

Mj. Autumn Quarter; 8:30

DR. WARREN

68. **The Constitutional History of England from 1702 to 1760.**

Mj. Winter Quarter, 9:30

DR. WARREN

Courses 67 and 68 deal primarily with the constitutional and institutional history of Great Britain, but with frequent reference to the religious, social, and economic history of the period. Important use will be made of documents, especially those in C. G. Robertson's *Select Statutes, Cases, and Documents to Illustrate English Constitutional History, 1680-1882*.

71. **The Rise of Prussia.**—Settlement and history of Brandenburg, arrival of the house of Hohenzollern, the Reformation, the absolutism of the Great Elector. Particular attention will be given to Frederick the Great, to his diplomacy, his wars, and his conquests, as well as to his methods of government.

Mj. Autumn Quarter, 1907

ASSOCIATE PROFESSOR SCHWILL

72. **The Rise of Prussia (Continued).**—Prussia and the French Revolution, her weakness, her greed, and her ruin at Jena at the hands of Napoleon. The rebirth followed by the glorious Wars of Liberation. The reaction after 1815 and the revolution in 1848. Bismarck's plan of the unification of Germany achieved by the wars of 1864, 1866, and 1870.
Mj. Winter Quarter, 1908
ASSOCIATE PROFESSOR SCHWILL
75. **The French Revolution.**—The study of the *ancien régime* is followed by the history of the reign of Louis XVI, the meeting of the States General, the triumph of the Revolution, and the making of a constitution. French a prerequisite. Lectures and reports.
Mj. Autumn Quarter, 1908
ASSOCIATE PROFESSOR SCHWILL
76. **The French Revolution (continued).**—The rise of republicanism and the overthrow of the monarchy (1792), followed by the revolutionary wars, the triumph of the radicals and the Reign of Terror, the reaction of Thermidor and the establishment of the Directory (1795).
Mj. Winter Quarter, 1909
ASSOCIATE PROFESSOR SCHWILL
81. **The Constitutional History of the American Colonies.**
Mj. Autumn Quarter; 3:00
PROFESSOR McLAUGHLIN
82. **The Constitutional History of the United States from 1760 to 1801.**
Mj. Winter Quarter; 3:00
PROFESSOR McLAUGHLIN
83. **The Constitutional History of the United States from 1801 to 1860.**
Mj. Spring Quarter; 3:00
PROFESSOR McLAUGHLIN
84. **Selected Topics in the History of the United States.**
Mj. Autumn Quarter, 9:30
ASSOCIATE PROFESSOR SHEPARDSON
85. **United States History from 1860 to 1869.**
Mj. Winter Quarter, 9:30
ASSOCIATE PROFESSOR SHEPARDSON
86. **Political Journalism in America.**
Mj. Spring Quarter, 9:30
ASSOCIATE PROFESSOR SHEPARDSON
87. **History of Internal Improvements in the United States.**—A study of early coast and interior commerce, means of inter-state communication, the transfer of improvements from the States to the Union, and resulting effects on Constitutional interpretation.
Mj. Autumn Quarter; 11:00
PROFESSOR SPARKS
88. **History of the United States from the Compromise of 1850 to Secession.**—Geographic and economic differences between the sections which led to a re-organization of parties, the election of Lincoln, and a test of Secession.
Mj. Winter Quarter; 11:00
PROFESSOR SPARKS
89. **History of the Public Land System.**—This course will consider (a) land tenure in the different colonies, (b) the formation of the Public Domain, (c) the uses and abuses of the public lands.
PROFESSOR SPARKS
[Not to be given in 1906-7]
91. **Territorial Acquisitions of the United States.**
PROFESSOR SPARKS
[Not to be given in 1906-7]
92. **The Beginnings of the Trans-Alleghanian Commonwealths.**—Exploration and settlement of the West; creation of states from territories; the relations of the states to the Union.
PROFESSOR SPARKS
[Not to be given in 1906-7]
93. **History of Internal Improvements in the United States.**
PROFESSOR SPARKS
[Not to be given in 1906-7]
100. **Teachers' Course in American History, 1760-1865.**—Bibliography. Investigation of special topics. Open to teachers of secondary schools who are interested in the teaching of American history. Undergraduate students must take Course 3, or the courses of Group D, as prerequisites.
Mj. Summer Quarter; 8:00
ASSOCIATE PROFESSOR SHEPARDSON
- 101, 102, 103. **English History.**—Special investigation of current and unsolved problems connected with the political and institutional history of England.
3Mj: Autumn, Winter and Spring Quarters.
Fridays, 4:00-6:00
PROFESSOR TERRY
111. **The Articles of Confederation.**—A study of the Articles as a frame of government, their strong

and weak points, and especially their failure to meet the requirements of the Thirteen States.

Mj. Autumn Quarter; Mondays, 4:00-6:00
PROFESSOR SPARKS

112. **The Confederate States of America.**—An investigation of the experiment of the seceding States, their domestic and foreign relations, their economic difficulties, and the possibility of their success if not forced to return to the Union.

Mj. Winter Quarter; Mondays, 4:00-6:00
PROFESSOR SPARKS

- 115, 116. **The Preliminaries of the American Revolution.**

2Mj. Autumn and Winter Quarters
Saturdays, 10:00-12:00
PROFESSOR McLAUGHLIN

117. **The Constitutional Problems of Jackson's Administration.**

Mj. Spring Quarter
Saturdays, 10:00-12:00
PROFESSOR McLAUGHLIN

V. THE DEPARTMENT OF THE HISTORY OF ART

OFFICERS OF INSTRUCTION

FRANK BIGELOW TARBELL, Ph.D., *Professor of Classical Archaeology.*

JAMES HENRY BREASTED, Ph.D., *Professor of Egyptology and Oriental History.*

GEORGE BREED ZUG, A.B., *Instructor in the History of Art.*

INTRODUCTORY

The University owns a considerable number of original Egyptian antiquities and of casts of Egyptian and Assyrian bas-reliefs and other objects. It owns also several thousand photographs illustrating all branches of the history of art which are here taught. These are constantly accessible to students. Furthermore, the neighboring Field Museum of Natural History has some illustrative material, the Egyptian collection being unusually valuable; and the Art Institute of Chicago, which may be reached in about half an hour from the University, has a large number of casts of sculpture and architecture, reproductions in bronze of most of the bronze statues found in Pompeii and Herculaneum, some original works of Egyptian, Greek, and Roman art, and a gallery of paintings, which includes examples of some of the great masters of the seventeenth century. Much use is made by the department of the opportunities afforded by these public collections.

Graduate students intending to take courses in this Department in fulfillment of the requirements for the degree of Master of Arts, Philosophy, or Science, or for that of Doctor of Philosophy, must announce their intention in advance to the instructor or instructors concerned and must undertake assignments of work in addition to that ordinarily done by undergraduates.

Candidates for the degree of Doctor of Philosophy in this department are at liberty to confine themselves to the Ancient Period or the Mediæval and Modern Period. They are, however, strongly advised, while concentrating their studies upon one of these subdivisions, to acquaint themselves with at least the outlines of the subject in the other subdivision.

COURSES OF INSTRUCTION

SENIOR COLLEGE AND GRADUATE COURSES

I. THE ANCIENT PERIOD

1. **Oriental Art from the Earliest Times to the Conquests of Alexander.**—See VIII, 234. Mj.
PROFESSOR BREASTED
2. **Greek Art.** Mj. Autumn Quarter; 8:30
PROFESSOR TARBELL
3. **Greek Life, Studied from the Monuments.**
Mj. Autumn Quarter; 9:30
PROFESSOR TARBELL

4. **Ancient Athens, Olympia, and Delphi.**—A study of the sites named, on the basis of the extant remains.

Mj. Autumn Quarter
PROFESSOR TARBELL

[Not to be given in 1906]

- 4A. **Ancient Athens, Olympia, and Delphi.**

M. First Term, Summer Quarter; 8:00
PROFESSOR TARBELL

5. **Roman Art.**

Mj. Winter Quarter
PROFESSOR TARBELL

[Not to be given in 1907]

6. **Fifth Century Greek Sculpture.**—Prerequisite:
Course 2.

Mj. Winter Quarter
PROFESSOR TARBELL

[Not to be given in 1907]

7. **Greek Vases.**

Mj. Winter Quarter
PROFESSOR TARBELL

[Not to be given in 1907]

- 7A. **Greek Vases.**

M. First Term, Summer Quarter; 9:00
PROFESSOR TARBELL

8. **Greek and Roman Coins and Gems.**

Mj. Spring Quarter; 8:30
PROFESSOR TARBELL

9. **Fourth Century Greek Sculpture.**—Prerequisite:
Course 2.

Mj. Spring Quarter; 9:30
PROFESSOR TARBELL

10. **Greek Architecture.**

Mj. Spring Quarter
PROFESSOR TARBELL

[Not to be given in 1907]

11. **Attic Red-Figured Vases.**

Mj. Spring Quarter
PROFESSOR TARBELL

[Not to be given in 1907]

II. THE MEDIEVAL AND MODERN PERIOD

The laboratory method of study is employed in each of the following courses, and occasional visits to the Art Institute or to other collections of pictures are required.

21. **Historic Periods of Mural Decoration.**—The class will study late Roman decoration (Herculaneum and Pompeii); the great Byzantine mosaics of Italy and Sicily; the frescoes of the Florentine and Roman schools of the fourteenth, fifteenth, and sixteenth centuries; the wall paintings of Tintoretto and Veronese; mediæval and Renaissance tapestry and stained glass in France and Flanders.

M. First Term, Summer Quarter; 1:30
MR. ZUG

22. **Modern Mural Decoration.**—The work will include a study of the English Pre-Raphaelite painters (Burne-Jones, Rossetti, and Morris) and their influence on interior decoration; of the chief decorators of the French School in the nineteenth century; and of contemporary mural painting in America.

M. Second Term, Summer Quarter; 1:30
MR. ZUG

23. **Romanesque and Gothic Architecture.**—An outline of the development of Gothic architecture,

for beginners, including a short study of Romanesque and Gothic ornament.

M. First Term, Summer Quarter; 2:30
MR. ZUG

24. **American Art—An Outline Study.**—A brief study of the elder American painters, and a more careful examination of the work of the contemporary painters and of the best-known sculptors.

M. Second Term, Summer Quarter; 2:30
MR. ZUG

25. **An Introduction to the Study of Art.**—The main objects of the course are: to interest beginners in some of the masterpieces of painting, to indicate how to study and appreciate art, and to call the attention of students to the importance of the Fine Arts in general culture. At the same time the class follows the broad movements in national schools of art from the Italians of the Renaissance to contemporary masters of the French and American schools. There are informal discussions of old and modern paintings and lectures on the place of the Fine Arts in general education, on principles of artistic expression, and on the influence of national characteristics on the great schools of art.

Mj. Winter Quarter; 2:00
MR. ZUG

26. **Dutch and Flemish Paintings.**—During the First Term, in studying the Flemish masters from Van Eyck and Memlinc to Rubens and Van Dyck, special attention will be given to the principles and development of the arts of portraiture and of landscape painting. This study is carried on in the Second Term in the works of the great masters of that school. Besides the excellent collection of original Dutch and Flemish paintings in the Art Institute, the class will have access to collections of Rembrandt's etchings and of modern Dutch paintings. These will be studied in comparison with the old masters.

Mj. Winter Quarter; 3:00
MR. ZUG

27. **Venetian and Spanish Painting.**—An outline study of the great masters of the Venetian and Spanish schools, with some attention to their influence on modern French painting.

Mj. Spring Quarter; 2:00
MR. ZUG

28. **Movements in Nineteenth Century Art.**—French

Classicism and Romanticism in the Nineteenth Century; the Barbizon School; the *plein-air* painters of landscape and of the figure; the French impressionists; the English Pre-Raph-

aelite movement; and the more important phases of American art (painting and sculpture). Mj. Spring Quarter; 3:00
MR. ZUG

VI. THE DEPARTMENT OF SOCIOLOGY AND ANTHROPOLOGY

OFFICERS OF INSTRUCTION

ALBION WOODBURY SMALL, PH.D., LL.D., *Professor and Head of the Department of Sociology.*
CHARLES RICHMOND HENDERSON, PH.D., D.D., *Professor and Head of the Department of Ecclesiastical Sociology.*
GEORGE EDGAR VINCENT, PH.D., *Professor of Sociology.*
CHARLES ZUEBLIN, PH.B., D.B., *Professor of Sociology.*
FREDERICK STARR, PH.D., *Associate Professor of Anthropology, and Curator of the Anthropological Section of Walker Museum.*
WILLIAM ISAAC THOMAS, PH.D., *Associate Professor of Sociology.*
JEROME HALL RAYMOND, PH.D., *Associate Professor of Sociology.*
IRA WOODS HOWERTH, PH.D., *Assistant Professor of Sociology.*
GEORGE AMOS DORSEY, PH.D., *Assistant Professor of Anthropology.*
GRAHAM TAYLOR, D.D., *Professorial Lecturer.*
MARY E. McDOWELL, *Resident Head of the University Settlement.*

FELLOWS, 1906-7

SCOTT ELIAS WILLIAM BEDFORD, A.B. LOUIS RAYMOND GRAY, A.B.
CECIL CLARE NORTH, A.B.

INTRODUCTORY

The division of labor assigned to this Department is, on the one hand, study of the general process of human association, and, on the other hand, of the principles of conduct indicated by ascertained knowledge of social relations considered as a whole.

This double task implies, first, that the Department depends largely upon use of the method and results of the other Departments in the Historical Group, including Psychology; second, that conversely the special sciences in the Group depend logically upon presumptions about the meaning and relative importance of the general social relations which it is the work of Sociology to investigate.

The union of the subject of Anthropology and Ethnology with Sociology is merely provisional, and does not imply that the logical relations between them and Sociology differ from those between the latter subject and the other special social sciences. The courses offered are intended to enable students to gain a general idea of the history of human progress, to take a survey of the races of mankind, to study the beginnings made by primitive man in times before history, and to acquire necessary methods of research in these subjects.

The facilities for sociological study in the University of Chicago are unsurpassed. The differentiation of Departments devoted to social phenomena, and the division of labor within the Departments, is nowhere more distinct and minute. The city of Chicago is one of the most complete social laboratories in the world. While the elements of Sociology may be studied in smaller communities, and while it may be an advantage to beginners in the method of positive Sociology to deal at first with more simple social combinations, the most serious problems of modern society are presented by the great cities, and must be studied as they are encountered in concrete form in large populations. No city in the world presents a wider variety of typical social problems than Chicago.

The instructors in the Department of Sociology aim to use the scientific material thus afforded both for academic and for practical purposes. They find a large proportion of their opportunities for research in co-operation with the public-spirited men and women of the city. They are active members of many organizations of citizens for the purpose of investigating and shaping the life of Chicago. Graduate students in the department are taught to work among social facts, and to test and form theory by experience.

Thus the organized charities of the city afford Graduate students of the University both employment and training. The church enterprises of the city enlist students in a similar manner. Several students of Sociology have been residents and workers at Hull House. A social settlement upon the plan of Hull House has been founded and maintained by students and instructors in the University. Social organizations of every description, from Trades Unions to the City Club, afford illustrations of every type of modern social experiment, and opportunity for the largest variety of observation and experience. Representatives of all these phases of social effort cordially co-operate with the Department of Sociology in making these social endeavors tributary to the training of sociological students. It is the purpose of this Department to appropriate to the utmost every advantage afforded by the vast social laboratory within which the University is located.

The subjects in the Department of Sociology and Anthropology fall into the following groups: A, General Sociology; B, Anthropology and Ethnology; C, Social Psychology; D, Social Technology. Candidates for the higher degrees, if otherwise qualified, may choose either of these groups as principal or secondary subject. The minimum amount of work accepted for the degree of A.M. is six Majors, or for the secondary subject leading to the degree of Ph.D., nine Majors. If either of the above groups be chosen as the principal subject for the degree of Ph.D., the equivalent of eighteen Majors within or under the direction of the Department of Sociology and Anthropology will be required.

The instructors in this Department edit the *American Journal of Sociology*, which is published bimonthly on the first of January, March, May, July, September, and November. The subscription price, postage prepaid, for the United States, Canada, and Mexico is \$2 per year; for foreign countries, \$2.50; single numbers, 35 cents. The seventh annual volume is now current.

The members of the Sociology Club are the instructors and Graduate students in the Department of Sociology and Anthropology. By a vote of two-thirds of the members of the club, other persons, whether connected with the University or not, may be admitted to membership. Meetings are held every fortnight.

COURSES OF INSTRUCTION

1. **General Anthropology.**—Outlines of the Science. Tylor, *Anthropology*. The class work will be based on the textbook named.

Mj. Winter Quarter; 12:00

ASSOCIATE PROFESSOR STARR

- 1A. **Anthropology.**—Introductory course; intended for those who propose to take advanced work in Anthropology, Sociology or related subjects. The divisions of the Science; the aims, methods, and problems of each division. Open to Junior College students.

Mj. 4 hrs. a week. Autumn Quarter; 12:00

ASSISTANT PROFESSOR DORSEY

2. **Ethnology.**—Study of General Ethnology. Brinton, *Races and Peoples*, will first be studied. The subject will then be developed by class lectures, discussions, and preparation by students of essays upon special and assigned topics. The objects sought in this course are, (1) to present the great problems of Ethnology; (2) to

consider systems of classification of human races and the basis for such classification; (3) to follow the history of the science.

Mj. Summer Quarter, 1907; 12:00

ASSOCIATE PROFESSOR STARR

[Not to be given in 1906-7]

- 2A. **Physical Anthropology.**—Introductory course, intended primarily for students who propose to take advanced work in Physical Anthropology or who are preparing for the medical profession. The object of the course is to define man's relation to the animal kingdom and to classify mankind according to races and types.

This course alternates with 3A and is given in even years. Prerequisite: *Course 1A*.

Mj. 4 hrs. a week. Winter Quarter; 12:00

ASSISTANT PROFESSOR DORSEY

3. **Prehistoric Archaeology.**—European. Outline of the science so far as it deals with the Old World. Textbook work, based upon de Mortillet, *Le*

Prehistorique, will be supplemented by lectures, collateral reading, and practical work in laboratory and museum. Preliminary to this work, study will be made of quaternary geology and of the geological evidence of man's antiquity.

Mj. Spring Quarter; 12:00

ASSOCIATE PROFESSOR STARR

- 3A. **Physical Anthropology.**—This course considers the problems of Physical Anthropology, and especially the methods of their solution. The statistical and metrical methods in their relation to these problems as well as to those of general biology will be studied. Practical work, involving the use of instruments, will be done in craniometry, anthropometry, etc. The course is introductory to original investigation in Physical Anthropology and to the statistical study of general biological problems.

This course alternates with 2A and is given in odd years. Prerequisite: *Course 2A*.

Mj or DMj. Winter Quarter; 12:00

ASSISTANT PROFESSOR DORSEY

4. **Physical Anthropology.**—Elementary course. Students are made acquainted with the instruments used in the science, with the methods and with the results to be gained. Examples of various races will be examined and the work will be made practical.

ASSOCIATE PROFESSOR STARR

[Not to be given in 1906-7]

- 4A. **Ethnography.**—This course deals with the tribes of America—their origin, migration, and distribution—and considers the problems arising from a comparative study of their culture, language, and physical structure. The effects of heredity and geographical environment are especially studied.

This course alternates with 5A and is given in even years. Prerequisite: 1A.

Mj. Spring Quarter; 12:00

ASSISTANT PROFESSOR DORSEY

5. **The American Race.**—This course will alternate, year by year, with Course 2, the subject varying.

ASSOCIATE PROFESSOR STARR

Mj. Summer Quarter, 1907; 11:00

- 5A. **Ethnology.**—In this course are considered the probable beginnings and historical development for America of the various elements of culture, including the material, social, and religious.

This course alternates with 4A and is given in odd years. Prerequisite: 1A.

Mj. Spring Quarter; 12:00

ASSISTANT PROFESSOR DORSEY

6. **Prehistoric Archaeology.**—American. The general subject will be presented in class lectures. Students will select a special topic for individual reading under direction. Theses resulting from such reading will be presented and discussed. Personal field work and laboratory study should, if possible, be done in connection with the thesis work. Course 6 alternates with Course 3.

ASSOCIATE PROFESSOR STARR

[Not to be given in 1906-7]

- 6A, 7A, 8A. **Research Course.**—Advanced work in Physical Anthropology, Ethnology, or Archaeology, to be given in the laboratory of the Department of Anthropology of the Field Museum, will be arranged for properly qualified students. For prerequisite: consult instructor.

Mj or DMj. Autumn, Winter, and Spring Quarters.

ASSISTANT PROFESSOR DORSEY

- 7, 8, 9. **Physical Anthropology—Laboratory Work.**—Topinard, *Éléments d'Anthropologie Générale* will be carefully studied. Students will do practical work in Craniometry, Anthropometry, etc. Besides instrumental work they will tabulate results, pursue original investigation, and prepare reports. Primarily for Graduate students. Offered in successive Quarters (except Summer) when the instructor is in residence.

ASSOCIATE PROFESSOR STARR

10. **Mexico.**—Study of the Archaeology, Ethnology, and Physical Anthropology of Mexico. In addition to textbook study, class lectures will be given, and practical work with collections representing the archaeology and ethnography of Mexico will be required.

ASSOCIATE PROFESSOR STARR

- 11, 12, 13. **Laboratory Work in Anthropology.**—Selected students, qualified for such work, may pursue studies in the Laboratory or Museum, in Archaeology, Ethnology, or Physical Anthropology, provided that, by so doing, they do not trespass upon the field of the other workers in the University. Such study will be under the direction of the instructor in Anthropology, and, if desired, with his assistance. Offered in successive Quarters (except Summer) when the instructor is in residence.

ASSOCIATE PROFESSOR STARR

14. **Japan.**—The instruction is chiefly by lectures. Special attention is paid to industrial art and religion. Special topics are assigned for study and each member of the class must present at least two papers for class discussion.

Mj. Spring Quarter; 11:00
ASSOCIATE PROFESSOR STARR

15. **The Pueblo Indians of New Mexico.**—The series of class lectures are directive to the literature. Students will investigate and report on special topics.

ASSOCIATE PROFESSOR STARR

- 15A. **The People of the Congo.**

Mj. Winter Quarter
ASSOCIATE PROFESSOR STARR

- 16, 17. **Seminar: General Progress in Anthropological Science.**

Winter and Spring Quarters. Tu. and Th., 2:00
ASSOCIATE PROFESSOR STARR

24. **Art and the Artist Class.**—From the sociological point of view, and with particular reference to origins. Animal play and rudimentary expressions of art in animal societies. Mutilation, artificial deformation, stimulants, ornament-dress, tattooing, the dance, music, poetry, painting, sculpture, technology, ceremonial, humor, and play among the natural races. The relation of art to work. Art and gaming in Chicago.

Mj. Winter Quarter; 8:30
ASSOCIATE PROFESSOR THOMAS

26. **Social Origins.**—Association and culture in early times and in tribal life. Early food conditions, migrations, and race-crossings. Origins and relations of invention, trade, warfare, art, marriage. Class distinctions, the professions, legal, political, and ecclesiastical institutions. Ethnological reading. An introductory course. For Senior College and Graduate students.

Mj. Autumn Quarter; 8:30
ASSOCIATE PROFESSOR THOMAS

- 26A. $\frac{1}{2}$ Mj. Summer Quarter; 10:30
ASSOCIATE PROFESSOR THOMAS

27. **Mental Development in the Race.**—A genetic study of the relation of mind to individual and social activities. The psychology of mechanical and artistic invention. Relation of language to thought. Systems of number, time, weight, and measure in early society. Development of ideas of causation. Parallelism in development between the individual and the race. Educational

meaning of initiation, secret societies, and tapu. Influence of animistic belief, suggestion, and hypnotism in the development of the content of consciousness. The effect of genius on the mental life of a group. Comparison of the mental traits of different races, epochs, and social classes. For Graduate students.

Mj. Autumn Quarter; 9:30
ASSOCIATE PROFESSOR THOMAS

27A.

$\frac{1}{2}$ Mj. Summer Quarter; 11:30
ASSOCIATE PROFESSOR THOMAS

28. **Sex in Social Organization.**—The influence of the fact of sex in the development of forms of association and of social activity and structure. Based principally on data from the natural races, and from the population of the city of Chicago, with a preliminary consideration of sex in the lower life forms. Prerequisite: *Courses 26, 27, and 30.*

ASSOCIATE PROFESSOR THOMAS
[Not to be given in 1908-7]

30. **Primitive Social Control.**—A study of primitive juridical and political systems and of social conventions. Family, clan, tribal and military organization, totemism, tribal and property marks, tapu, personal property and property in land, periodical tribal assemblies and ceremonies, secret societies, medicine men and priests, caste, blood vengeance, salutations, gifts, tribute, oaths, and forms of offense and punishment, among typical tribes of Australia and Oceania, Africa, Asia, and America.

ASSOCIATE PROFESSOR THOMAS

31. **Origin and Psychology of the Occupations.**—Research course. Prerequisite: *Course 27.*

ASSOCIATE PROFESSOR THOMAS

32. **The Negro in Africa and America.**—Prerequisite: *Course 26.*

Mj. Winter Quarter; 9:30
ASSOCIATE PROFESSOR THOMAS

35. **Egyptian Life and Antiquities.**—(See VIII, 232.) Mj
PROFESSOR BREASTED
House Sanitation.—(See VI A, 42.)

Mj. Autumn Quarter; 11:00
PROFESSOR TALBOT

- Food Supplies and Diets.**—(See VI A, 43.)

Mj. Winter Quarter; 11:00
PROFESSOR TALBOT

- Administration of the House.**—(See VI A, 44.)

Mj. Spring Quarter; 11:00
PROFESSOR TALBOT

Modern Problems in Household Administration.—(See VI A, 45, 46, 47.)

3Mj. Autumn, Winter, and Spring Quarters;
Tues., Thurs., 3:00-5:00.

PROFESSOR TALBOT

51. Contemporary Society in the United States.—A general survey of natural environment, population and its distribution, industrial and social grouping, typical institutions, etc., designed as a concrete introduction to the study of social problems and as a means of correlating the various social sciences.

Mj. Autumn Quarter; 11:00

PROFESSOR VINCENT

52. American Cities.—A study of the modern city with special reference to American municipalities, and of physical conditions, public services, political, industrial, and social groupings. Designed to offer a foundation for the study of special city problems. Expeditions to typical institutions.

Mj. Winter Quarter; 11:00

PROFESSOR VINCENT

52A. Development and Organization of the Press.—Historical sketch of the American Press followed by an analysis and description of the technical, editorial, and business organization of a modern metropolitan journal, including the systems of general and special news services. Especially for those intending to do newspaper work.

Mj. Spring Quarter; 8:30

PROFESSOR VINCENT

53. The Family.—The development of the domestic institutions in lower and higher civilizations; social ethics of the family; legal, industrial, educational, and religious problems of the family. Primarily for Graduate students; Senior College students admitted.

Mj. Autumn Quarter; 11:00

PROFESSOR HENDERSON

55A. Humanitarian Progress in Local Institutions.—The practical purpose of this course is to supplement theoretical and historical studies in sociology by the observation of social work on the local field. Two hours of classroom study will be devoted to principles, methods, and conditions underlying the civic, charitable, reformatory, and social work to be inspected on the other weekly appointments. Itinerary of in-

spection, with incidental expenses involved, furnished on application to the Dean.

M. First Term, Summer Quarter

PROFESSOR GRAHAM TAYLOR

56. The Group of Industrials.—The labor movement from the viewpoint of Sociology. The influence of habitat, race, inheritance, migration, division of labor, towns, institutions, and conventions on the differentiation and opportunities of the so-called operative class, the actual condition of this group, and their participation in the goods of civilization; the essentials of a truly human existence; the modes by which improved ideals of welfare originate and are diffused; the social system of economic, political, and cultural organization through which the group must enjoy the social inheritance; description, criticism, programme of amelioration. Primarily for Graduate students; Senior College students admitted.

Mj. Spring Quarter; 11:00

PROFESSOR HENDERSON

57. Rural Communities.—Conditions of social existence in the country; organization for improvement. Primarily for Graduate students; Senior College students admitted.

M. Second Term, Summer Quarter; 10:30

PROFESSOR HENDERSON

58, 59, 60. Seminar: Methods of Social Amelioration.—Discussion, reports, and thesis work on contemporary movements for social betterment, chiefly on the basis of studies of Chicago life. For Graduate students.

3Mj. Autumn, Winter, and Spring Quarters;
Thursday, 4:00-6:00.

PROFESSOR HENDERSON

61. Urban Communities.—Method of analytic study of social organization; comparisons of ancient and modern cities; the system of community bonds and interests; functions of political, economic, and cultural organizations as determined by social interests; the modes of quickening higher wants and the co-operation of public and private agencies in their satisfaction. Primarily for Graduate students; Senior College students admitted.

Mj. Winter Quarter; 12:00

PROFESSOR HENDERSON

63. Ecclesiastical Sociology.—Methods by which the Church and its societies minister to the welfare of communities. Primarily for Graduate students; Senior College students admitted.

Mj. Autumn Quarter; 12:00

PROFESSOR HENDERSON

64. **Contemporary Charities.**—Studies of the nature and origin of depressed and defective classes; principles and methods of relief; organization of benevolence. Mj. Spring Quarter; 11:00
PROFESSOR HENDERSON
65. **Social Treatment of Crime.**—Causes of crime; principles of Criminal Anthropology; prison systems; legal factors; juvenile offenders; preventive methods.
M. Second Term, Summer Quarter; 11:30
PROFESSOR HENDERSON
67. **The Structure of English Society.**—A study of the economic, physiological, social, æsthetic, intellectual, and ethical elements in a typical society.
PROFESSOR ZUEBLIN
[Not to be given in 1906-7]
- 67A. **The Economic Basis of Society.**—An examination of the fundamental human want and its relation to the other wants, using Hobson's *The Social Problem* as a text. For Senior College students. Prerequisite: *Political Economy*.
Mj. Spring Quarter, 1906; 11:00
PROFESSOR ZUEBLIN
- 67B. **The Elements and Structure of Society.**—A continuation of the course, "The Economic Basis of Society." An examination of the physiological, social, æsthetic, intellectual, and moral wants as they are satisfied in American society. Lectures and theses. For Senior College students.
Mj. Summer Quarter; 10:30
PROFESSOR ZUEBLIN
- 67C. **The Implications of Democracy.**—With special reference to the social institutions of Great Britain, Switzerland, and the United States. The special subject for 1906 will be "Municipal Trading." Lectures and research. For Graduate students. A knowledge of French or German desirable.
Mj. Summer Quarter; 11:30
PROFESSOR ZUEBLIN
68. **Philanthropy in its Historical Development.**—Primarily for Graduate students; Senior College students admitted.
Mj. Winter Quarter; 12:00
PROFESSOR HENDERSON
[Not to be given in 1907]
69. **The Elements and Structure of Society.**—A study of the economic, physiological, social, æsthetic, intellectual, and moral elements in American society. The interrelation of the individual and the group. The problem of social progress in a democratic society.
PROFESSOR ZUEBLIN
[Not to be given in 1906-7]
70. **Municipal Sociology.**—The social functions and activities of American cities. The special subject for 1906 will be "Public Education in Chicago." Lectures and research. For Graduate students only.
Mj. Spring Quarter; 12:00
PROFESSOR ZUEBLIN
71. **An Introduction to the Study of Society.**—An elementary course designed to afford a working theory of the nature of society, and to serve as an introduction to the special social sciences of economics, political science, etc. For Juniors. Required of students in commerce and administration.
Mj. Spring Quarter; 11:00
PROFESSOR VINCENT
72. **An Introduction to Sociology.**—A rapid historical survey of social philosophy from Plato to Comte, followed by a more detailed examination of current sociological themes. For Senior College and Graduate students.
Mj. Autumn Quarter; 8:30
PROFESSOR VINCENT
73. **Public Opinion.**—A study of social psychology: i. e., the phenomena of the public or ethnic mind. Examination of the theories of Lewes, Tarde, Giddings, Sighele, Brinton, Baldwin, *et al.* Designed for Graduate students. Seniors admitted.
Mj. Winter Quarter; 8:30
PROFESSOR VINCENT
74. **The Methodology of the Social Problem.**—Based upon Course 78. A definition of the task of Sociology, and of its relation to the specific social sciences.
PROFESSOR SMALL
- NOTE.—Not offered in 1906-7, but the subject-matter of Courses 74 and 78 will furnish the Seminar material.
75. **A Synopsis of Sociological Theory.**—Designed to furnish a conspectus of General Sociology.
PROFESSOR SMALL
[Not to be given in 1906-7]
76. **The Elements of Social Dynamics.**—A study of the permanent forces that shape human society. Courses 71, 72, 73, 26, and 74 are presupposed.
PROFESSOR SMALL
[Not to be given in 1906-7]

77. The Social Philosophy of the English People in the Victorian Era.

PROFESSOR ZUEBLIN

[Not to be given in 1906-7]

78. The Development of Sociological Method.—From Comte to the present time. The object of this course is to discover the successive statements of the sociological problem, with the premises, methods, and results in the most influential writings, as an introduction to the necessary formulation of the sociological problem.

See note under Course 74.

PROFESSOR SMALL

[Not to be given in 1906-7]

79. Social Forces in Modern Democracy: United States.—For Senior College and Graduate students.

Mj. Autumn Quarter; 12:00

PROFESSOR SMALL

80. Social Forces in Modern Democracy: England.—For Senior College and Graduate students.

Mj. Winter Quarter; 12:00

PROFESSOR SMALL

81. Social Forces in Modern Democracy: France and Germany.—Courses 79, 80, 81 apply the methods of sociological analysis for the purpose of discovering the peculiar form, spirit, and content of democracy, so far as it has appeared in the countries treated. These courses aim to test the validity of the abstract sociology outlined in Courses 94, 95, 96.

Spring Quarter; 12:00

PROFESSOR SMALL

82, 83, 84. Seminar: Present Problems in General Sociology.

3Mj. Autumn, Winter and Spring Quarters

PROFESSOR SMALL

85, 86, 87. Seminar: Problems of Social Dynamics. In this course the facts of Social Psychology are studied with reference to the possibilities of telic progress.

3Mj

PROFESSOR SMALL

[Not to be given in 1906-7]

88, 89, 90. Seminar: Problems in Methodology and Classification.

PROFESSOR SMALL

[Not to be given in 1906-7]

94. Survey of General Sociology.—Introduction to the system of sociology developed in Course 95 and concluded in Course 96. Senior College and Graduate students.

Mj. Autumn Quarter; 9:30

PROFESSOR SMALL

95. The Conflict of Classes in Modern Society.—An attempt to explain present social conditions in terms of the general social process analyzed in Course 94.

Mj. Winter Quarter; 9:30

PROFESSOR SMALL

96. The Ethics of Sociology.—An exhibit of the meaning of sociological analysis for positive ethics. The inconclusiveness of all the categorical theories of ethics is exhibited, and the thesis is sustained that every ethical system with a concrete content necessarily presupposes sociology.

Mj. Spring Quarter; 9:30

PROFESSOR SMALL

100. Organization of Religious Education.—Psychology of religion; ethical ideals; principles of instruction; nurture; methods of organization. Primarily for Graduate students; Senior College students admitted.

Mj. Winter Quarter; 11:00

PROFESSOR HENDERSON

In the Winter Quarter Professor Small will give an Open Lecture at 4 o'clock Friday of each week on "The Relations of Sociology to the Other Departments of Social Science." The course is intended for Graduate Students who do not make Sociology a principal or secondary subject. It may also serve as a review course for sociological students.

Unique advantages supplemental to the sociological and economic courses at the University are offered by the field-work and practical training in civic, philanthropic, and social work under the auspices of the Chicago Institute of Social Science. Credits will be given for satisfactory work taken under the direction of Professor Graham Taylor, who is Director of the Institute and Professorial Lecturer in the University. With the co-operation of many practical specialists and the charitable, reformatory, civic and social agencies, both public and private, in and about Chicago, opportunities for the observance of social conditions, the inspection of institutions, and special studies under expert direction are thus opened to students. The aim of the Institute is not only to provide a basis of general knowledge for intelligent interest and participation in whatever promotes the welfare of the community, but also to offer a more technical preparation for professional and volunteer service in specific lines of organized philanthropic and social effort. Courses of training are given each year in "Causes and Treatment of Dependency," "The Care of Delinquents and Defectives," "The Leadership of

Children's Club and Outing Work," "Welfare Work" in connection with mercantile and manufacturing establishments, "Institutional Administration," and "Social Tendencies of Modern Industry." A summer school will be conducted the First Term of the Summer Quarter which will supplement Professor Taylor's lectures on "Humanitarian Progress in Local Institu-

tions" by a carefully arranged itinerary of visits to public institutions, both charitable and reformatory, private philanthropies, social settlements, industrial plants, outing centers, vacation schools, the Juvenile Court, and kindred agencies. Inquiry for particulars may be addressed to the Dean, or to Professor Graham Taylor, Chicago Commons, 180 Grand Avenue, Chicago.

THE COLLEGE OF RELIGIOUS AND SOCIAL SCIENCE

The College of Religious and Social Science is an organization of undergraduate courses conducted at the University and leading to the degree of Ph.B. It is co-ordinate with the other Colleges of the University. Circulars of information will be sent on application to the Deans of the Divinity School, University of Chicago. The courses in Social Science are under the direction of the instructors in Sociology, and students are permitted to avail themselves of the lectures given by specialists in the Institute of Social Science and Arts, and to receive credits for work done in the Institute.

VIA. THE DEPARTMENT OF HOUSEHOLD ADMINISTRATION

OFFICERS OF INSTRUCTION

A. INSTRUCTORS ATTACHED TO THE DEPARTMENT OF HOUSEHOLD ADMINISTRATION

MARION TALBOT, A.M., LL.D., *Professor of Household Administration.*

ALICE PELOUBET NORTON, A.M., *Assistant Professor of Household Administration.*

SOPHONISBA PRESTON BRECKINRIDGE, Ph.D., J.D., *Instructor in Household Administration*

B. INSTRUCTORS IN OTHER DEPARTMENTS OFFERING INSTRUCTION IN THIS DEPARTMENT

CHARLES RICHMOND HENDERSON, Ph.D., D.D., *of the Department of Sociology.*

CHARLES ZUEBLIN, Ph.B., D.B., *of the Department of Sociology.*

WILLIAM ISAAC THOMAS, Ph.D., *of the Department of Sociology.*

GEORGE EDGAR VINCENT, Ph.D., *of the Department of Sociology.*

ALEXANDER SMITH, Ph.D., *of the Department of Chemistry.*

HERBERT NEWBY MCCOY, Ph.D., *of the Department of Chemistry.*

LAUDER WILLIAM JONES, Ph.D., *of the Department of Chemistry.*

FRANK RATTRAY LILLIE, Ph.D., *of the Department of Zoology.*

DAVID JUDSON LINGLE, Ph.D., *of the Department of Physiology.*

EDWIN OAKES JORDAN, Ph.D., *of the Department of Bacteriology.*

NORMAN MACLEOD HARRIS, M.B., *of the Department of Bacteriology.*

LILLIAN SOPHIA CUSHMAN, *of the School of Education.*

ELIZABETH EUPHROSYNE LANGLEY, *of the School of Education.*

CLARA ISABEL MITCHELL, *of the School of Education.*

ANNETTE BUTLER, *of the School of Education.*

PELLOW, 1906-7

MABEL THACHER WELLMAN, A.B.

INTRODUCTORY

The courses in this Department are planned to give students (1) a general view of the place of the household in society as a means of liberal culture; (2) training in the rational and scientific administration of the home as a social unit; (3) preparation to serve as teachers of Home Economics, Domestic Science, and Household Arts, or as social workers in institutions whose activity is largely expressed through Household Administration. The regular courses of the Department are supplemented by courses offered by instructors in other Departments, who will aid in the administration of the Department. Special attention is called to the courses in the Departments of Sociology, Geography, Chemistry, Zoology, Physiology, and Bacteriology, and to the announcements of the School of Education.

In general the courses are open to Graduate and Senior College students and to Unclassified students who have had special preliminary training. Certain courses are also open as electives to Junior College students. In the case of students desiring to pursue a special line of work or to fit themselves for some particular field of activity, the instructors will give assistance in organizing courses of study. The work of this as of other Departments may be used under the rules of the University toward fulfilling the requirements for the different degrees. No special certificate is awarded, but an official statement of courses satisfactorily completed is granted on request.

Students who expect to be candidates for the Master's or Doctor's degree and to take their principal or secondary work in the Department of Household Administration should secure the approval of the Department before beginning work.

Opportunities are afforded for gaining practical experience in housekeeping, lunch-room management, marketing, household accounting, and teaching. There are frequent occasions for active participation in such philanthropic work as supplements the instruction of the classroom.

The Household Administration Club meets fortnightly to discuss important new literature, to present results of investigations carried on by instructors and students in the Department, and to hear specialists on topics not fully treated in the regular curriculum.

One Fellowship is assigned to the Department for 1906-7.

COURSES OF INSTRUCTION

42. House Sanitation.—This course deals with the house as a factor in health and includes a study of the following topics: situation, surroundings, ventilation, heating, drainage, plumbing, lighting, and furnishing. Special attention will be given to modern conceptions of cleanliness, and to the investigation of general sanitary conditions from a practical and scientific standpoint, and with special reference to the needs of the community, the household, and the school.

Mj. Autumn Quarter; 11:00
PROFESSOR TALBOT

43. Food Supplies and Dietaries.—The nutritive and money values of foodstuffs; the application of heat to food principles; adulterations; methods of preservation; sanitary and economic aspects of food; popular misconceptions as to foods.

Mj. Winter Quarter; 11:00
PROFESSOR TALBOT

44. Administration of the House.—This course will consider the order and administration of the house with a view to the proper apportionment of the income and the maintenance of suitable standards. It will include a discussion of the domestic-service problem. Open to Junior College students.

Mj. Spring Quarter; 11:00
PROFESSOR TALBOT

45, 46, 47. Modern Problems in Household Administration.—This work will be conducted only for students capable of carrying on independent investigations. It will deal with new and unsettled problems whose solution will help place

the subject of Household Administration on a more secure scientific basis. The topics assigned will be chemical, physiological, bacteriological, economic, or sociological, according to the preferences and training of the individual students.

3Mj. Autumn, Winter, and Spring Quarters;
Tues., Thurs., 3:00-5:00.

PROFESSOR TALBOT

50, 51, 52, 53. Special Research.—Open only to students who have had special training and experience.

4Mj. Summer, Autumn, Winter, and Spring Quarters.

THE INSTRUCTORS IN THE DEPARTMENT

121. Food and its Preparation.—Designed especially for students in the general and kindergarten courses of the School of Education.

Mj. Spring Quarter; Mon., Wed., Thurs., Fri., 8:30
Laboratory: Mon., 2:00-4:00

ASSISTANT PROFESSOR NORTON

122. Food and Dietetics.—The nature, nutritive constituents, and relative values of foods; typical processes of food production; the cost of food; dietaries.

Mj. Autumn Quarter
Lectures: Mon., Thurs., Fri., 9:30.
Laboratory: Tues., Wed., 2:00-4:00 and 8:30-10:30.

ASSISTANT PROFESSOR NORTON

123. The Application of Heat to Food Materials.—The methods by which heat is applied to food,

and the changes caused in the different food constituents; household fuels and their uses; cooking apparatus and the principles of its construction; primitive and modern methods of cookery.

M. Second Term, Summer Quarter; 8:00-10:00
Mj. Winter Quarter

Lectures: Wed., Fri., 12:00.

Laboratory: Tues., Wed., 2:00-5:00.

ASSISTANT PROFESSOR NORTON

Prerequisite: *Course 122 or Course 43 or equivalent.*

124. **Special Methods in the Preparation of Food.**—Advanced work in experimental cookery.

$\frac{1}{2}$ Mj. Autumn Quarter

Lecture and Laboratory: Thurs., Fri., 2:00-5:00.
ASSISTANT PROFESSOR NORTON

125. **Chemistry of Foods.**—The different food principles, with methods of identifying and separating them; food adulterations and household methods for their detection.

Mj or M. First Term, Spring Quarter
Lectures and Laboratory: 8:30-10:30

Mj. or $\frac{1}{2}$ Mj. Summer Quarter

Hours to be arranged.

ASSISTANT PROFESSOR NORTON

Prerequisite: *General Chemistry and Course 122, or Course 43.*

126. **Special Problems in Food Chemistry.**—Laboratory work. Individual problems assigned for investigation.

Mj or $\frac{1}{2}$ Mj. Spring Quarter
Hours to be arranged.

ASSISTANT PROFESSOR NORTON

Prerequisite: *Course 125 and Elementary Organic Chemistry.*

127. **Evolution of the House.**—The development of the modern house from primitive conditions; modern household problems of furnishing, equipment and care. Lectures and Laboratory.

Mj. or M. Second Term, Autumn Quarter; 11:00
Laboratory: 11:00-1:00 Wed., Fri.

ASSISTANT PROFESSOR NORTON

128. **The Teaching of Home Economics.**—The purpose and method of the work; courses of study; school equipments; the relation of the subject to other studies and to the life of the school; practice teaching and laboratory work.

Mj. Summer Quarter; 9:00

Mj. Winter Quarter; 11:00

ASSISTANT PROFESSOR NORTON

10. **The Organization of the Retail Market.**—An elementary course intended to familiarize the student with the machinery of trade with which the householder comes into direct contact. The following topics will be considered: the development of present methods of distribution from mediæval forms; the present specialized system, as illustrated by selected industries, which deal with food, clothing, and household equipment; the department and catalogue store; and the employment agency as the means by which a distribution of domestic labor is effected. Visits will be made to typical distributive establishments.

Mj. Summer Quarter; 8:00

DR. BRECKINRIDGE

Prerequisite: *Nine Majors.*

11. **The Consumption of Wealth.**—Standards of living; necessities for life and for efficiency; comforts; luxury and extravagance; saving and spending; organized efforts among consumers to control production; co-operation; the Consumers League; trade unions; legislation; municipalization.

Prerequisite: *Nine Majors.*

Mj. Autumn Quarter; 8:30

DR. BRECKINRIDGE

20. **The State in Relation to the Household.**—A course intended to review the relations between the householder and the public, as represented by federal, state, or municipal authority. The law requiring the head of a family to furnish support, and legislation tending to maintain the unity of the family will be considered. Regulations concerning the food supply, the materials used in clothing and furnishings, and the structure and care of the building will be studied, in order to formulate the principles upon which a proper degree of individual freedom may be adjusted to the necessary amount of public control. Open to Senior College and Graduate students.

Mj. Spring Quarter; 8:30

DR. BRECKINRIDGE

21. **The Legal and Economic Position of Women.**—A study of the status of women with reference to their property; the effect of marriage; their share in the control of children; their opportunities as wage-earners and producers; their

functions as householders and consumers. Open to Senior College and Graduate students.

Mj. Winter Quarter; 8:30
DR. BRECKINRIDGE

[VI. DEPARTMENT OF SOCIOLOGY]

71. An Introduction to the Study of Society.

Mj. Spring Quarter; 11:00
PROFESSOR VINCENT

61. Urban Communities.

Mj. Winter Quarter; 12:00
PROFESSOR HENDERSON

26. Social Origins.

Mj. Summer Quarter; 10:30
Autumn Quarter; 8:30
ASSOCIATE PROFESSOR THOMAS

51. Contemporary Society in the United States.

Mj. Autumn Quarter; 11:00
PROFESSOR VINCENT

52. American Cities.

Mj. Winter Quarter; 11:00
PROFESSOR VINCENT

53. The Family.

Mj. Autumn Quarter; 11:00
PROFESSOR HENDERSON

[XX. DEPARTMENT OF CHEMISTRY]

1. General Inorganic Chemistry, I.

DM. First Term, Summer Quarter
Mj. Autumn Quarter
PROFESSOR SMITH

2. General Inorganic Chemistry, II.—Continuation of Course 1.

DM. Second Term, Summer Quarter
Mj. Winter Quarter
PROFESSOR SMITH

3. General Inorganic Chemistry, III.—Continuation of Course 2.

Mj. Spring Quarter
PROFESSOR SMITH

28. General Inorganic Chemistry. — *Special Course.*

DM. First Term, Summer Quarter
DR. JONES

Mj. Autumn Quarter
ASSISTANT PROFESSOR MCCOY

38. General Inorganic Chemistry.—Continuation of Course 28.

DM. Second Term, Summer Quarter
Mj. Winter Quarter

4. Elementary Organic Chemistry.

Mj. Autumn Quarter
DR. JONES

[XXII. DEPARTMENT OF ZOOLOGY]

2. General Biology.

Mj. Winter Quarter
DR. STRONG

[XXIV. DEPARTMENT OF PHYSIOLOGY]

1. Elementary Physiology.

Mj. Autumn Quarter
ASSISTANT PROFESSOR LINGLE

Mj. Winter Quarter
ASSISTANT PROFESSOR LINGLE AND MR. BROWN
DM. First Term, Summer Quarter
DR. WOELFEL AND MR. WILSON

2. Elementary Physiology.—Continuation of Course 1.

Mj. Winter Quarter
Mj. Spring Quarter
ASSISTANT PROFESSOR LINGLE
DM. Second Term, Summer Quarter

[XXVIII. DEPARTMENT OF PATHOLOGY AND BACTERIOLOGY]

1. General Bacteriology.

Mj. Spring Quarter
DR. HARRIS

5. Public Hygiene.

Mj. Spring Quarter
ASSOCIATE PROFESSOR JORDAN

7A. Principles of Hygiene.—Laboratory course for high-school teachers.

M. First Term, Summer Quarter
DR. MANWARING

7B. The Nature of Disease.—A non-technical course for public-school teachers.

M. Second Term, Summer Quarter
DR. MANWARING

15. Sanitary Water Analysis.

Mj. Winter Quarter
MR. AYERS

16. Sanitary Aspects of the Milk Supply.

Mj. Winter Quarter
DR. HARRIS

[SCHOOL OF EDUCATION]

169A. House Decoration.

Mj. Autumn Quarter; 2:00–4:00
MISS CUSHMAN

169B. House Decoration: Design.

Mj. Spring Quarter; 2:00–4:00
MISS CUSHMAN

0171. Textiles.—Required, non-credit course.

Spring Quarter
MISS MITCHELL

- | | |
|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 171. Textiles IV. (General Course).
Summer, Autumn, and Winter Quarters
Miss MITCHELL | The Teaching of Sewing in the Secondary School.
Miss MITCHELL |
| 172. Textiles.
Miss MITCHELL | Design as Applied to Dress.
Miss MITCHELL |
| 174. Textiles (Advanced course).
Miss MITCHELL
The Teaching of Sewing in the Elementary School.
Miss MITCHELL | 189. History of Furniture: Workroom Practice.
Mj. Winter Quarter
Miss LANGLEY |

VII. THE DEPARTMENT OF COMPARATIVE RELIGION

OFFICERS OF INSTRUCTION

GEORGE BURMAN FOSTER, A.M., PH.D., *Professor of the Philosophy of Religion.*
 GEORGE FOOTE MOORE, D.D., LL.D. (*Professor in the Harvard Divinity School*), *HASKELL Professorial Lecturer on Comparative Religion.*
 CHARLES CUTHBERT HALL, D.D., LL.D. (*President of Union Theological Seminary*), *BARROWS Professorial Lecturer on Comparative Religion.*
 EDMUND BUCKLEY, PH.D., *Docent in Comparative Religion* (Summer Quarter).

INTRODUCTORY

The regular work in the Department is devoted to the three branches of Comparative Religion, viz., History and Philosophy of Religion, and Comparative Theology. An elementary major course is offered to all who wish to gain a survey of the field. Special courses on the history of primitive beliefs, the Indo-European Religions, and the Semitic Religions provide for a year's classroom work. At this stage the student is prepared for courses in the Introduction to Religion and in the Philosophy of Religion. The research courses provide for advanced investigation in which all the resources of the student are demanded. Courses 1-8 and the research courses are required when Comparative Religion is taken as a major subject for the degree of Doctor of Philosophy, and Courses 1-4, two courses selected from Nos. 5-8, and one research course are required of one who takes Comparative Religion as a minor subject for the same degree. Equivalents for these courses to the number of three Majors, selected from other related Departments of the University, will be accepted, but the selection must be approved by this Department before the student undertakes the work, and their credit value will not always be accepted as equal to courses in the Department itself.

Two "Lectureships" on the *Relations of Christianity to the other Religions*, established by the late Mrs. Caroline E. Haskell, are under the direction of this Department. The "Haskell Lectures" are delivered at the University yearly. The "Barrows Lectures" are delivered every three years in cities of India.

University Fellowships, yielding incomes of from \$520 to \$320, are open to students in Comparative Religion on equal terms with students in other Departments and are assigned yearly in accordance with the University regulations governing Fellowships.

The rooms of the Department are in the Haskell Oriental Museum, where the collections of illustrative materials for the study of religions are gathered and arranged for the use of students. The Buckley collection of religious objects of Shinto and Japanese Buddhism, unequaled in America, affords a valuable body of material for the study of Ethnic Religion. Maps, photographs, casts, and a carefully selected library of the standard works, constantly enlarged by the addition of the newest books in the field, are at the disposal of students. The libraries and collections of the Departments of Semitic Languages, including Egyptology, Assyriology, etc., of Biblical Studies, of Church History and of Theology, contained in the same building, greatly enlarge the working facilities of the Department.

COURSES OF INSTRUCTION *

1. An Outline History of Religion.
2. Religions of Primitive Peoples.
3. Religions of the Semites.—Babylonia, Egypt, Syria and Palestine, Phœnicia, Islam.
4. Religions of the Indo-European Peoples.—India, Persia, Greece and Rome, Kelts and Teutons.
The course will be limited this term to a study of Buddhism.
5. Introduction to Comparative Religion.
6. History of the Philosophy of Religion. Mj
PROFESSOR FOSTER
7. The Science of Religion. DR. BUCKLEY
8. The Philosophy of Religion. DR. BUCKLEY
9. Fundamental Problems of the History of Religion. (Haskell Lectures.) No credit is given for this course.
10. Comparative Theology.—Research.
11. History of Religious Thought from the Reformation to Kant. Mj. Autumn Quarter, 1906
PROFESSOR FOSTER
12. Kant's Theory of Religion. Mj. Winter Quarter, 1907
PROFESSOR FOSTER
13. Philosophy of Religion from Kant to Hegel. Mj
PROFESSOR FOSTER
14. Hegel's Philosophy of Religion. Mj. Spring Quarter, 1907
PROFESSOR FOSTER
15. Schleiermacher's "Glaubenslehre." Mj. Autumn Quarter, 1907
PROFESSOR FOSTER
16. Religious Thought from Schleiermacher and Hegel to Ritschl. PROFESSOR FOSTER
17. Albrecht Ritschl and His School. Mj. Autumn Quarter, 1907
PROFESSOR FOSTER
18. English Philosophy of Religion. Mj
PROFESSOR FOSTER
19. Philosophy of Religion, I.—The Knowledge Problem. Mj. Winter Quarter, 1906
PROFESSOR FOSTER
20. Philosophy of Religion, II.—The Worth Problem. Mj. Spring Quarter, 1906
PROFESSOR FOSTER
21. The Essence of the Christian Religion. Mj. Summer Quarter, 1907
PROFESSOR FOSTER
22. The Truth of the Christian Religion. Mj. Spring Quarter, 1907
PROFESSOR FOSTER
23. The Dogmatics of the Christian Religion. Mj. Winter Quarter, 1907
PROFESSOR FOSTER
24. The Ethics of the Christian Religion. Mj. Autumn Quarter, 1906
PROFESSOR FOSTER
25. Relation Between Religion and Morality. Mj. Autumn Quarter, 1906
PROFESSOR FOSTER
26. Kaftan's "Dogmatik". Spring Quarter, 1906
27. Outline Philosophy of Religion.—A course for beginners, with Höfding as textbook. Autumn Quarter, 1906

COURSES IN RELATED DEPARTMENTS

The following courses in other Departments deal with subjects closely related with the work in the Department of Comparative Religion, and under certain restrictions will be accepted as work done in the Department itself:

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|-----------------------------------------------------------|--------------------------------------------------------------------------------------|
| I, 45. The Evolution of Morality. PROFESSOR TUFTS | VIII, 48. Form and Content of Early Old Testament Traditions. PROFESSOR W. R. HARPER |
| IA, 22. Psychology of Religion. DR. AMES | VIII, 38. Prophecy and the History of Prophecy. PROFESSOR W. R. HARPER |
| VI, 27. Development of Mind in the Race. PROFESSOR THOMAS | VIII, 42. Hebrew Philosophy and Ethics. PROFESSOR W. R. HARPER |
| VI, 30. Primitive Social Control. PROFESSOR THOMAS | |

*Courses in this Department are primarily for Graduate students, and are open to undergraduates only after consultation with the instructor.

- VIII, 54. Old Testament Theology.
PROFESSOR W. R. HARPER
- VIII, 120. Rabbinical Literature and Life.
PROFESSOR HIRSCH
- VIII, 164. Assyrian Syllabaries and Mythological Inscriptions.
PROFESSOR R. F. HARPER
- VIII, 166. Babylonian Psalms, Prayers, and Addresses.
PROFESSOR R. F. HARPER
- VIII, 168. Religious Texts.
PROFESSOR R. F. HARPER
- VIII, 190. Arabic Treatises on Mohammedan Eschatology.
PROFESSOR JEWETT
- VIII, 200. Life of Mohammed.
PROFESSOR JEWETT
- VIII, 202. The Qur'an in English.
PROFESSOR JEWETT
- VIII, 204. The Spread of Islam.
PROFESSOR JEWETT
- VIII, 218. Pyramid Texts.
PROFESSOR BREASTED
- X, 13. Readings in the Upanishads.
DR. MEYER
- X, 26. Vedic Seminar.
DR. MEYER
- XI, 42. Introduction to Greek Mythology.
ASSOCIATE PROFESSOR OWEN
- XI, 63. Greek Philosophical Literature.
PROFESSOR SHOREY
- XII, 53. Roman Religion.
ASSISTANT PROFESSOR LAING
- XIV, 62. The Niebelungenlied.
ASSOCIATE PROFESSOR VON KLENZE
- IX, 69. Doctrine of Atonement in the New Testament.
PROFESSOR BURTON
- XLIV, 22. Theological Significance of Leading Movements of Thought in the Nineteenth Century.
ASSISTANT PROFESSOR SMITH
- XLV, 50. Development of Recent Religious Thought.
PROFESSOR HULBERT
- XLV, 51. Religious Movements of the Eighteenth Century.
PROFESSOR HULBERT

VIII. THE DEPARTMENT OF SEMITIC LANGUAGES AND LITERATURES

OFFICERS OF INSTRUCTION

- *WILLIAM RAINEY HARPER, PH.D., D.D., LL.D., *Professor and Head of the Department of the Semitic Languages and Literatures.*
- ROBERT FRANCIS HARPER, PH.D., *Professor and Acting Head of the Department of the Semitic Languages and Literatures.*
- EMIL GUSTAV HIRSCH, A.M., D.D., LL.D., LIT.D., *Professor of Rabbinical Literature and Philosophy.*
- IRA MAURICE PRICE, PH.D., LL.D., *Professor of the Semitic Languages and Literatures.*
- JAMES RICHARD JEWETT, PH.D., *Professor of the Arabic Language and Literature.*
- JAMES HENRY BREASTED, PH.D., *Professor of Egyptology and Oriental History; Director of Haskell Oriental Museum.*
- HERBERT LOCKWOOD WILLETT, PH.D., *Assistant Professor of the Semitic Languages and Literatures.*
- JOHN MERLIN POWIS SMITH, PH.D., *Instructor in the Semitic Languages and Literatures.*
- OLAF ALFRED TOFFTEEN, PH.D., *Docent in the Semitic Languages and Literatures.*

EDGAR JOHNSON GOODSPEED, PH.D., *Assistant Professor of Biblical and Patristic Greek; Assistant Director of Haskell Oriental Museum.*

FELLOWS, 1906-7

- CHARLES ELLSWORTH HORNE, A.M.
DANIEL DAVID LUCKENBILL, A.B.
ROWLAND HECTOR MODE, A.B., A.M.
- ROBERT J. G. McKNIGHT, A.B.
ROBERT BROWN McSWAIN, A.M.

* Died January 10, 1906.

INTRODUCTORY

HEBREW LANGUAGE AND LITERATURE

It is believed that with close application the student may gain a practical knowledge of the Hebrew language within a comparatively short time. The courses in beginning Hebrew and in Hebrew History are arranged for students in the Divinity School who desire to lay a foundation for critical and exegetical work in the Old Testament, and likewise for those who are contemplating a more extended study of the Semitic languages. The first course covers the Elements of the Hebrew Grammar and secures a vocabulary of three to four hundred words. In a second course, besides a large amount of reading, in connection with which the vocabulary of the student is increased, the principles of Hebrew Syntax are studied. After this course the student is permitted to select any of the courses offered in the Department in which a knowledge of Hebrew is required.

The more advanced courses cover the principal portions of the Old Testament considered from every point of view. In this work two things are kept in mind:

1. The securing of an acquaintance with all the more important problems of Old Testament literature and thought.
2. A scientific method of work which will enable the student to carry on for himself original investigation.

RABBINICAL LANGUAGE AND LITERATURE

In the Rabbinical Section the courses are intended to meet the requirements of (1) students in Semitic Philology; (2) students in New Testament Literature, Comparative Religion, History, and Philosophy; and (3) students intending to prepare for the Jewish ministry. It is believed that in connection with the courses in the Departments of Semitic Languages and Literatures, History, and Philosophy in this University, those in Rabbinical literature will enable candidates for the Jewish ministry to equip themselves most thoroughly for their vocation.

ASSYRIAN LANGUAGE AND LITERATURE

It is the purpose of this section to study the Assyro-Babylonian language and literature both from the standpoint of the grammar and lexicon, with special reference also to comparative Semitic lexicography, geography, and institutions; and also as one of the most important helps, lexicographically, historically, and geographically, to scientific work in any of the other Semitic languages or literatures.

ARABIC LANGUAGE AND LITERATURE

The courses offered in Arabic are intended to cover quite minutely the grammar and syntax of the language, whether the work is done primarily for the help afforded the student of Hebrew or Assyrian, or for a more detailed study of Arabic grammar for its own sake. Special attention is given to the Qur'an, and provision is also made for courses of an extended character in Arabic commentary, history, geography, and inscriptions. While the majority of students doubtless study Arabic for the light which it throws upon Hebrew grammar, it is believed that the field of Arabic literature is one which is more and more deserving of the attention of American students. Particular attention is given to the comparative aspects of Arabic grammar, both etymology and syntax.

HEBREW HISTORY

The courses in Hebrew History provide for a consideration of the general field of Semitic antiquity with especial reference to its bearing upon Israel, and a thorough study of the entire range of Israelitish history, with special consideration of difficult problems.

EGYPTIAN LANGUAGE, LITERATURE, AND ARCHAEOLOGY

The time seems to have come for American students to direct their attention, at least in some degrees toward study in the great Egyptian field. An opportunity is therefore offered, (1) to those who wish merely to gain a general conception of the Egyptian field, (2) but also to those who may wish to give special attention to Egyptian literature or archaeology. The original materials accessible to the student here are unusually plentiful. They comprise: (1) the Egyptian collection of the Art Institute; (2) the collection of the Field Columbian Museum; (3) the collections in Haskell Museum.

ARRANGEMENT OF WORK

The work of the student ordinarily will be arranged according to one of five plans:

- I. The preliminary work includes courses in the Hebrew language aggregating four Majors. These courses viz., (a) 1; (b) 2, or 4; (c) 22, or 24, or 36, or 38; (1) constitute the work in Hebrew prescribed for those students

in the Graduate Divinity School who desire to secure a knowledge of the language, and (2) serve as the basis for more advanced work in the Semitic Languages and Literatures, or in the Old Testament Literature and Theology. Students who have already performed this work before entering the University of Chicago will receive credit for the same upon examination.

II. Old Testament Literature and Theology, when presented as a secondary subject for a Doctor's degree will be understood to include, in addition to the preliminary courses, work amounting to six Majors, which shall be systematically arranged, and be approved by the Head of the Department. The student is recommended to select either (1) three historical courses (viz., 113, 114, 115), with three courses in exegetical work selected from the courses offered, or (2) work made up of Courses 36, 38, 42, 48, 50, 54, 80-82; or (3) work in Rabbinical literature and theology, selected from Courses 120-139.

III. When a secondary subject is offered in Semitic Languages and Literatures, the student may select either Aramaic, Arabic, Assyrian, or Egyptian, in an amount equal to at least six Majors.

IV. Old Testament Literature and Theology, when presented as a principal subject, will be understood to include (1) a thorough knowledge of the Hebrew language, including syntax and lexicography, and a good acquaintance with biblical Aramaic and Syriac; (2) an ability to read any part of Hebrew literature; (3) a knowledge of Hebrew history in all its periods, and of ancient history, especially Egyptian, Assyro-Babylonian Persian, and Greek in its bearing upon the Old Testament; (4) an acquaintance with the chronological development of Old Testament literature in its various forms of legislation, prophecy, and wisdom; also a knowledge of the origin and growth of the canon, of the text, and of the principles of Old Testament interpretation; (5) a familiarity with the history of the Hebrew religion and the development of the theological ideas of the Hebrews; (6) some familiarity with the Rabbinical literature and a general acquaintance with New Testament literature, with special reference to the use made of the Old Testament in the New Testament.

V. When the student selects for his principal subject the Semitic languages, he will be expected to have gained a working knowledge of Aramaic, Assyrian, and Arabic, in addition to Hebrew. He will be permitted to lay special emphasis upon either Hebrew, Arabic, Assyrian, or Egyptian, and in the special field which he thus selects the amount of work required will be determined in part by the character of the field itself, and also in part by the general scope of his work. In any case, work in comparative grammar and comparative lexicography will be expected. The total amount of work required for a degree cannot be stated in definite form.

COURSES OF INSTRUCTION

REMARK: In the Semitic Department all courses are intended primarily for Graduate and Divinity students, but they may be taken by Senior College students who are prepared therefor.

I. HEBREW LANGUAGE AND OLD TESTAMENT LITERATURE

1. LINGUISTIC COURSES

1. **Hebrew Language.**—Gen., chaps. 1-8; including the grammatical principles of the language, the acquisition of a vocabulary, and translation of English into Hebrew. The ground covered in Harper, *Introductory Hebrew Method and Elements of Hebrew*.

This course is given twice each year, viz.:

- DMj or 2DM. Summer Quarter; 8:00 and 1:30. PROFESSOR BREADED AND DR. SMITH
2Mj. Autumn and Winter Quarters, 1906, 1907. ASSISTANT PROFESSOR WILLETT

2. **Historical Hebrew.** *The Books of Samuel.*—Critical translation of portions, with a study of Hebrew Syntax. Continuation of Course 1.

Mj. Autumn Quarters, 1906, 1907, 1908
ASSISTANT PROFESSOR WILLETT

3. **The Book of Joshua.**—Critical translation, and review of grammar.

M. First Term, Summer Quarter, 1906
ASSISTANT PROFESSOR WILLETT

4. **The Books of Kings.**—Critical translation of the more important portions, with special reference to etymology and chronology.

DR. SMITH

5. **Deuteronomy.**—A critical translation, with special reference to syntax.

Mj. Spring Quarter, 1907
DR. SMITH

8. **Hebrew Sight Reading.** The Prophetic Books.

10. **Proverbs.**—A critical reading of selected portions with special reference to Hebrew Lexicography.

PROFESSOR R. F. HARPER

12. **Advanced Hebrew Grammar.**—Etymology.

M. Second Term, Summer Quarter, 1906
PROFESSOR PRICE

13. **Advanced Hebrew Grammar.**—Syntax.

M. First Term, Summer Quarter, 1906
PROFESSOR PRICE

2. CRITICAL AND EXEGETICAL COURSES

A. Hebrew

20. **Books of Kings and Their Parallel Assyrian Records.**—Historical and critical work.

PROFESSOR PRICE

22. **Isaiah, chaps. 1-39.**—Critical reading of the material, with an interpretation of the prophecies, and a study of the life and times of Isaiah.

Mj. Autumn Quarter, 1907

PROFESSOR PRICE

23. **Isaiah, chaps. 40-66.**—A critical reading of the material with a study of the prophecies as illustrating exilic and post-exilic conditions.

Mj. Spring Quarter, 1908

PROFESSOR PRICE

24. **Jeremiah.**—Attention will be given to the political conditions in Judah's decline, and the waning of religious life as a background of Jeremiah's utterances; the book will be arranged and interpreted in chronological order.

Mj. Spring Quarter, 1908

PROFESSOR PRICE

26. **Ezekiel.**—Condition of the exiles; Babylonian government; Ezekiel's character; analysis and translation of selected sections.

Mj. Summer Quarter, 1908

PROFESSOR PRICE

28. **The Later Minor Prophets.**—Critical and exegetical study of the language, contents, and teachings of these prophets.

Mj. Winter Quarter, 1907

DR. SMITH

30. **The Psalter.**—The formation of the Psalter; characteristics of the Psalms as to style and authorship; critical translation of selected Psalms; their classification and use.

Mj. Summer Quarter, 1907

PROFESSOR PRICE

32. **The Psalms.**—A study of selected Psalms from the point of view of their language, structure, contents, and date.

PROFESSOR W. R. HARPER

34. **Hebrew Legislative Codes.**—Comparative study of portions of these codes with reference to (a) their interrelations, (b) their style and vocabulary, (c) their contents and meaning.

PROFESSOR W. R. HARPER

35. **The Book of Deuteronomy.**—A study of (a) the origin and contents of the Deuteronomic Code; (b) the causes and results of the reformation under Josiah, and an exegetical study of certain portions of Deuteronomy.

PROFESSOR W. R. HARPER

36. **The Levitical Code.**—A critical reading and study of the Book of Leviticus and related material with reference (a) to its origin and contents, (b) to the work of Ezra, (c) to the purpose and significance of the Code.

PROFESSOR W. R. HARPER

38. **Prophecy, and the History of Prophecy.**—A study of prophecy upon the basis of a classification of the prophetic material according to (1) the historical periods, (2) the work of the prophet, (3) the principal ideas of prophecy.

PROFESSOR W. R. HARPER

40. **Messianic Prophecy.**—A study in chronological order of the Messianic prophecies of the Old Testament.

Mj. Spring Quarter, 1908

PROFESSOR PRICE

42. **Hebrew Philosophy and Ethics.**—A study of the contents of Job, Proverbs, Ecclesiastes, and the later Psalms, including a study of Hebrew Philosophy in general. [This course is open only to those who are able to read Hebrew fluently.]

PROFESSOR W. R. HARPER

44. **Job.**—A study of the literary form, the thought content, the linguistic peculiarities, and the chief teachings of the book.

Mj. Autumn Quarter, 1908

DR. SMITH

46. **Proverbs.**—Reading and interpretation of selected portions, with a study of (a) the origin of the various collections, (b) the poetical form, (c) the linguistic characteristics.

Mj.

PROFESSOR W. R. HARPER

47. **Ecclesiasticus.**

Mj. Spring Quarter, 1907

DR. SMITH

48. **The Form and Contents of Early Old Testament Traditions.**—(1) A study of the several documents of which the Hexateuch is composed; and (2) a comparison of the early Hebrew traditions with similar traditions of other peoples.

Mj. Winter Quarter, 1907

DR. SMITH

50. **Micah.**—A Seminar.

Mj. Autumn Quarter, 1907

DR. SMITH

53. **Isaiah 1-12.** A Seminar.

Mj. Summer Quarter, 1907

PROFESSOR PRICE

54. **Seminar in Old Testament Theology.**

A. The Doctrine of God.

PROFESSOR W. R. HARPER

- B. The Doctrine of Sin.
PROFESSOR W. R. HARPER
- C. The Doctrine of Atonement.
PROFESSOR W. R. HARPER
55. The Doctrine of the Future Life in the Old Testament.—Seminar.
PROFESSOR W. R. HARPER
56. The Religion of Israel prior to Ezra.
Mj. Summer Quarter, 1906
DR. SMITH
57. The Religion of the Jews.
Mj. Summer Quarter, 1907
DR. SMITH
- B. English
60. Isaiah, chaps. 1-39.—Arrangement in chronological order, analysis, and interpretation of the different prophecies.
M. First Term, Summer Quarter, 1906
ASSISTANT PROFESSOR WILLETT
61. Isaiah, chaps. 40-66.—In this course the effort will be made to master the contents of the chapters and to study the progress of the thought.
M. Second Term, Summer Quarter, 1907
ASSISTANT PROFESSOR WILLETT
62. Jeremiah (in English).
M. First Term, Summer Quarter, 1906
ASSISTANT PROFESSOR WILLETT
64. The Psalter (in English).
M. First Term, Summer Quarter, 1907
ASSISTANT PROFESSOR WILLETT
65. The Book of Job.
M. Second Term; Summer Quarter, 1907
ASSISTANT PROFESSOR WILLETT
- 66-68. The Priestly Work in the Old Testament.
66. *Priest Codes*; the Hebrew Laws, their form and contents, especially Deuteronomy and Leviticus.
PROFESSOR W. R. HARPER
67. *Priest History*, especially the Books of Chronicles, Ezra, and Nehemiah.
PROFESSOR W. R. HARPER
68. *Priest Psalms*; that is, the Psalms as they were used for worship.
PROFESSOR W. R. HARPER
69. History of the Priest System; that is, a rapid historical résumé of the entire priestly activity.
PROFESSOR W. R. HARPER
70. Prophecy and the History of Prophecy.—Same as Course 38, but conducted for undergraduate students who have no knowledge of Hebrew.
PROFESSOR W. R. HARPER
71. History of Prophecy—Amos, Hosea, Micah (in English).
 $\frac{1}{4}$ or $\frac{1}{2}$ Mj. Sunday, 8:30, Summer Quarter, 1906.
PROFESSOR PRICE
72. Hebrew Philosophy and Ethics.—Same as Course 42, but conducted for undergraduate students who have no knowledge of Hebrew.
PROFESSOR W. R. HARPER
74. Biblical Apocalyptic.—A study of apocalyptic in the Old Testament, with special reference to the Book of Daniel, and comparison of the extra-canonical apocalypses with the Book of Revelation.
Mj. Summer Quarter, 1908
ASSISTANT PROFESSOR WILLETT
3. INTRODUCTION, ARCHAEOLOGY, AND HISTORY
- 80-82. General Survey of Old Testament Literature and History.—In these courses an attempt will be made to present under four divisions, namely: (1) the beginnings to the disruption of the kingdom; (2) the disruption of the kingdom to the times of Josiah; (3) from the times of Josiah to the times of Ezra; (4) from the times of Ezra to the times of the Maccabees; (a) the particular historical events with their relations to contemporaneous history; (b) the literary documents; (c) the social, industrial, and political data; (d) the facts concerning the various religious institutions; (e) the general progress of religious thought. These courses are intended to serve as an introduction to the various departments of Old Testament study, and are *required of every candidate for the degree of D.B.* who does not elect Hebrew. (Course 84 may be substituted for Course 80.) Each course is an independent study and may be taken separately.
80. *Beginnings of Old Testament Literature and History*, including a study of Prophecy.
Mj. Autumn Quarter, 1906, 1907
DR. SMITH
81. *The Priestly Element in the Old Testament*.
Mj. Summer Quarter, 1906, 1907
DR. SMITH
82. *The Wisdom Element in the Old Testament*.
Mj. Winter Quarter, 1907
DR. SMITH
84. The Origin, Growth, and Character of the Prophetic Books.
A required course. See Courses 80-82.
Mj. Spring Quarter, 1907
PROFESSOR PRICE

86. **History of the Canon and Text of the Old Testament.**—A Seminar.
Mj. Winter Quarter, 1907
PROFESSOR PRICE
88. **General Introduction to the Textual Criticism of the Old Testament.**
Mj. Autumn Quarter, 1906; 9:30
PROFESSOR HIRSCH
90. **Methodology.**—In this Seminar the aim will be (1) to define the various departments of Old Testament research; (2) to ascertain the relations of these departments to each other; (3) to specify the natural and logical order in which these departments should be taken up; and (4) to indicate the principles and methods which should control research in these departments.
A Seminar. Mj. Winter Quarter, 1908
PROFESSOR PRICE
92. **History, Principles, and Methods of Old Testament Interpretation.**—A Seminar.
Mj. Winter Quarter, 1909
PROFESSOR PRICE
96. **Life in Old Testament Times.**—A study of the elements which made up the everyday social, commercial, political, and religious life of the Hebrews and their most influential neighbors.
Mj. Spring Quarter, 1909
PROFESSOR PRICE
98. **Palestinian Geography and Archaeology.**
Mj. Autumn Quarter, 1908
ASSISTANT PROFESSOR WILLETT
100. **Palestinian Life and Government.**
Mj. Summer Quarter, 1907
ASSISTANT PROFESSOR WILLETT
102. **Modern Discoveries and the Old Testament.**
Mj. Spring Quarter, 1907
PROFESSOR PRICE
104. **Egyptian Archaeology and the Old Testament.**
PROFESSOR BREASTED
110. **Hebrew History to the Times of Josiah.**
Mj. Summer Quarter, 1908
ASSISTANT PROFESSOR WILLETT
- 113, 114. **History of the Hebrews.**—These two courses cover in successive steps the history of Israel from the beginning to the Maccabean age. Each course is, however, an independent study, and may be taken separately.
113. *From the Beginnings to Solomon.*
Mj. Autumn Quarter, 1906
ASSISTANT PROFESSOR WILLETT
114. *From Solomon to Nehemiah.*
Mj. Summer Quarter, 1907
ASSISTANT PROFESSOR WILLETT
115. **The Rise of the Jewish State.**—A special study of the documentary sources and the problems of the period from the beginning of the exile to the Maccabean age.
Mj. Autumn Quarter, 1908
ASSISTANT PROFESSOR WILLETT
- II. **RABBINICAL LANGUAGE AND LITERATURE**
120. **General Introduction to Rabbinical Literature and Life.**
Mj. Spring Quarter, 1906
PROFESSOR HIRSCH
122. **Mishnah.**—Reading and interpretation of selected Tracts of the Mishnah.
Mj
PROFESSOR HIRSCH
124. **Babylonian Talmud.**—Reading of easier (Haggadic) selections, with a view of studying the dialects grammatically and lexicographically.
M. Second Term, Spring Quarter, 1906; 11:00
PROFESSOR HIRSCH
126. **Babylonian Talmud: (Advanced.)**—Reading of Tract *Berakhoth*, or *Abhodah Zarah* (Babylonian) with Commentaries. Study of language and method.
Mj. Autumn Quarter, 1907
PROFESSOR HIRSCH
128. **Jerusalem Talmud.**—Reading of some Tract or selected portions. Study of the lexicography and dialect will be the feature of this course.
M
PROFESSOR HIRSCH
130. **Halakic Themes.**—Study from the sources, tracing the ritual practice to its final decision in the Codes. This is a research course for advanced students exclusively. A Seminar.
3Mj. Autumn Quarter, 1906
PROFESSOR HIRSCH
132. **The Civil and Criminal Legislation of the Talmud.** Open to students without knowledge of Hebrew; and of interest for members of the classes in sociology and political science or comparative jurisprudence.
M. First Term, Spring Quarter, 1907
PROFESSOR HIRSCH
134. **Rabbinical Commentaries on Genesis or other Books of the Old Testament.**—The study of the terminology of the Hebrew grammarians and their writings will be combined with this course.
Mj. Winter Quarter, 1908
PROFESSOR HIRSCH

136. **History of the Jewish Sects: Pharisees, Sadducees, Essenes, Rabbinites, and Karaites.**
M. First Term, Autumn Quarter, 1906
PROFESSOR HIRSCH
138. **Talmudic Analogies to the New Testament.**—A presentation of the correspondences of Rabbinical doctrine with the teachings of the New Testament, and of the life of the Jews during the New Testament century.
M. First Term, Spring Quarter, 1906
PROFESSOR HIRSCH
139. **Rabbinical Philosophy.**—A Seminar.
Mj. Autumn Quarter, 1906
PROFESSOR HIRSCH
Professor Hirsch will, upon occasion, give opportunities for the reading of Modern Hebrew.
- III. ARAMAIC LANGUAGES AND LITERATURES
140. **Biblical Aramaic.**—The elements of Aramaic, including a study of the Aramaic portions of the Books of Ezra and of Daniel.
Mj. Autumn Quarter, 1907
PROFESSOR R. F. HARPER
142. **Targum.**—Selections from the Targum, with Grammar, Lexicography, and Methods of the Targumim. M
PROFESSOR R. F. HARPER
144. **Beginning Syriac.**—Including the material of Nestle's *Grammar*, and selections from the New Testament.
Mj. Winter Quarter, 1907
PROFESSOR R. F. HARPER
146. **Advanced Syriac.**—Roediger, *Chrestomathia Syriaca*; Land, *Anecdota Syriaca*.
Mj. Spring Quarter, 1906
PROFESSOR R. F. HARPER
- IV. ASSYRIAN LANGUAGE AND LITERATURE
150. **Assyrian Language.**—A study of the Esharhaddon texts, and of (a) the grammatical principles of the language, (b) the more common cuneiform signs, (c) the use of the Assyriological material for lexicographical purposes.
Mj. Autumn Quarter, 1906; 11:00
DR. TOPFTEEN.
Mj. Spring Quarter, 1906, 1907; 11:00
PROFESSOR R. F. HARPER
152. **Early Assyrian Historical Inscriptions.**—Including (a) the critical interpretation of Tiglath-pileser I; (b) a more rapid reading of the remaining inscriptions from before 745 B.C.
Mj. Autumn Quarter, 1906; 12:00
Mj. Winter Quarter, 1907
PROFESSOR R. F. HARPER
154. **Later Assyrian Historical Inscriptions.**—Including (a) a critical interpretation of the Asurbanipal Inscription, with (b) a more rapid reading of the remaining historical inscriptions from 745 B.C. to 626 B.C.
Mj. Winter Quarter, 1908
PROFESSOR R. F. HARPER
156. **Selected Assyrian Historical Inscriptions.**—With special reference to Assyrian Lexicography.
Mj. Autumn Quarter, 1907
PROFESSOR R. F. HARPER
158. **Babylonian Historical Inscriptions.**—Including (a) Nebuchadnezzar, East India House (I. Rawlinson, pl. 53-58=59-64); and (b) Neo-Babylonian Inscriptions (of Nebuchadnezzar and Nabonidus).
Mj. Spring Quarter, 1907; 12:00
PROFESSOR R. F. HARPER
160. **Babylonian and Assyrian Contracts.**—Using Meissner, *Beiträge zum altbabylonischen Privatrecht*; Johns, *Assyrian Deeds and Documents*; Stevenson, *Assyrian and Babylonian Contracts*; Strassmaier, *Inschriften von Nabonidus*.
Mj. Autumn Quarter, 1906
PROFESSOR R. F. HARPER
162. **Epistolary Literature.**—(a) Letters of the Hammurabi Period, using King, *The Letters and Inscriptions of Hammurabi*; (b) The Tel el-Amarna Letters, using *The Tel el-Amarna Tablets in the British Museum*; Bezold, *Oriental Diplomacy*; and Winckler, *Tel el-Amarna Letters*; (c) The Letters of the Sargon Period, using R. F. Harper, *Assyrian and Babylonian Letters*. 2Mj. Autumn, Winter Quarters, 1906; 8:30.
PROFESSOR R. F. HARPER
164. **Assyrian Syllabaries and Mythological Inscriptions.**—Using King and Thompson, *Cuneiform Texts from the Babylonian Tablets, etc., in the British Museum*.
Autumn Quarter, 1907
PROFESSOR R. F. HARPER
166. **Babylonian Psalms, Prayers, and Addresses.**—Using Zimmern, *Babylonische Busspsalmen*; King, *Babylonian Magic and Sorcery*; and Knudtzon, *Assyrische Gebete an den Sonnengott*.
M. Autumn Quarter, 1907
PROFESSOR R. F. HARPER
168. **Religious Texts.**—The Šurpu and Maḫḫu Series of Incantations. Using Zimmern, *Beiträge zur Kenntnis der babylonischen Religion*, and Tallqvist, *Die assyrische Beschwörungsserie Maḫḫu*.
Spring Quarter, 1906; 9:30
M. Autumn Quarter, 1907
PROFESSOR R. F. HARPER

170. *Astrological Literature*.—Using Thompson, *Reports of the Magicians and Astrologers of Nineveh and Babylon*.
Autumn Quarter, 1907
PROFESSOR R. F. HARPER
172. *The Code of Hammurabi*.—A Seminar.
Mj. Autumn Quarter, 1906
PROFESSOR R. F. HARPER
174. *Earliest Unlingual (so-called Sumerian) Cuneiform Inscriptions*.—Using (a) Hilprecht's *Old Babylonian Inscriptions*, (b) de Sarzec's *Découvertes en Chaldée*. A Seminar.
Mj. Autumn Quarter, 1906
PROFESSOR PRICE
175. *The Susian Inscriptions*.—A reading and comparative study of the material discovered at Susa, and published in Scheil's *Mémoire*. A Seminar.
Mj. Winter Quarter, 1906
PROFESSOR PRICE
176. *Origin of the Semitic Civilization of Babylonia*. A study of the earliest elements of civilization in the Babylonian valley, and a comparison of these with those of the later Assyro-Babylonian times. A Seminar.
Mj. Winter Quarter, 1906
PROFESSOR PRICE
178. *The Old Testament and the Assyro-Babylonian Inscriptions*.—A review of the material in the inscriptions bearing on the Old Testament.
Prerequisites: *A knowledge of Hebrew and Assyrian*.
PROFESSOR R. F. HARPER
- V. ARABIC LANGUAGE AND LITERATURE
180. *Beginning Arabic*.—A study of easy narrative and of (a) the grammatical principles of the language, (b) the commonest vocabulary, and (c) the relation of the Arabic grammatically considered to the Hebrew.
Mj. Spring Quarter, 1906
Mj. Summer Quarter, 1906; 9:30
PROFESSOR JEWETT
182. *Selected Suras of the Qurân*.—Critical translation and interpretation, with Arabic commentary.
Mj.
PROFESSOR JEWETT
184. *Historical Prose Relative to the Early Period of Islam*.—Critical translation, with interpretation and study of the historical background.
Mj. Summer Quarter, 1906; 11:00
PROFESSOR JEWETT
185. *Arabic Prose*.—Critical translation and grammatical work for advanced students.
Mj.
PROFESSOR JEWETT
186. *Arabic Grammarians*.—Reading and study of selected portions from these writers.
Mj. Spring Quarter, 1906; 11:00
PROFESSOR JEWETT
188. *Ibn Hisham's Life of Mohammed*.—Reading and interpretation of selected portions.
Mj. Spring Quarter, 1907; 4:00
PROFESSOR JEWETT
190. *Arabic Treatises on Mohammedan Eschatology*.
PROFESSOR JEWETT
192. *Arabic Rhymed Prose*.
Mj.
PROFESSOR JEWETT
193. *Mohammedan History to the Beginning of the Crusades*.
Mj. Spring Quarter, 1906; 8:30
PROFESSOR JEWETT
194. *History of the Crusades*.—Reading of selections from Arabic sources.
Mj. Summer Quarter, 1906; 8:30
PROFESSOR JEWETT
196. *Philosophical Literature of the Arabians*.—Reading, in the original, of some philosophical treatise, and a study of the philosophical terminology of the Arabians.
Mj. Winter Quarter, 1906
PROFESSOR HIRSCH
198. *Arabic Literature of the Jews*.—Reading of selections from Hirschfeld's *Chrestomathy*.
Mj. Autumn Quarter, 1906
PROFESSOR HIRSCH
200. *Life of Mohammed*, with a critical examination of his main teachings.
Mj.
PROFESSOR JEWETT
202. *The Qurâd in English*, with a critical study of its principal doctrines.
Mj. Summer Quarter, 1907
PROFESSOR JEWETT
204. *The Spread of Islam*, being a study of the progress of Mohammedanism, with special reference to the Islam of today.
PROFESSOR JEWETT
- VI. EGYPTIAN LANGUAGE AND LITERATURE
210. *Beginners' Hieroglyphic*.—Including the acquisition of the commonest signs and the grammatical principles of the language of the classic period.
Mj. Summer Quarter, 1906
PROFESSOR BREASTED

212. **Translation of Egyptian Texts from the classic period.** Mj. Summer Quarter, 1907
PROFESSOR BREASTED
214. **Late Egyptian.**—The language of the new empire (Eighteenth to Twentieth Dynasties). (Possible only after pursuing the two preceding courses.) Mj
PROFESSOR BREASTED
216. **Egyptian Literature.**—Rapid reading of the best literary products of Egypt in annals, narrative, and poetry; largely in the original, but with the use of all other materials in translation. Mj. Spring Quarter, 1907
PROFESSOR BREASTED
218. **Pyramid Texts.**—A study of the earliest religious texts in the world; with constant comparison with later religious compositions, especially the Book of the Dead. Mj. Summer Quarter, 1907
PROFESSOR BREASTED
220. **Egyptian Texts of the Græco-Roman Period.**—Including a study of the bilingual inscription of Rosetta; the Decree of Canopus and the Stele of Alexander II. M. Second Term, Winter Quarter, 1907
PROFESSOR BREASTED
222. **Coptic Language.**—Elementary study of the Sahidic dialect, using Steindorff's *Chrestomathie*. Mj. Autumn Quarter, 1907
PROFESSOR BREASTED
224. **Coptic Language. Sahidic Dialect.**—Translation from the version of the Prophets, and the New Testament, and the tracing of all possible etymologies. Mj. Spring Quarter, 1907
PROFESSOR BREASTED
226. **History of Egypt.**—Giving special attention to the religion, literature, art, and science, and their influence upon subsequent civilization; the condition of Egypt at the probable period of the Israelitish sojourn. Mj. Summer Quarter, 1906
PROFESSOR BREASTED
228. **Europe and Asia in the Egyptian Monuments.**—A study of the civilization of the Mediterranean basin in the earliest times; the beginnings of European and Asiatic history, according to the monuments in the Nile valley. M. First Term, Winter Quarter, 1907
PROFESSOR BREASTED
230. **Egyptian Archaeology.**—A study of the Nile valley civilization, and its contributions to later Europe as exhibited in its surviving material remains. Mj
PROFESSOR BREASTED
232. **Egyptian Life and Antiquities.** Mj
PROFESSOR BREASTED
234. **History of Oriental Art from the Earliest Times to the Conquests of Alexander.**
PROFESSOR BREASTED
- VII. OTHER SEMITIC LANGUAGES AND COMPARATIVE WORK
240. **Samaritan.**—Using Petermann, *Grammatica Samaritana*. ASSISTANT PROFESSOR WILLETT
242. **Phœnician.**—Using Schröder, *Die phœnisische Sprache*. Inscriptions and Grammar. ASSISTANT PROFESSOR WILLETT
244. **Mandaic.**—Noeldeke, *Mandäische Grammatik*. Reading from the Sidra Rabba. PROFESSOR HIRSCH
246. **Sabæan and Himyaritic Inscriptions.** PROFESSOR JEWETT
248. **Beginning Ethiopic.**—Using Dillmann, *Chrestomathia Ethiopica* and Prætorius, *Grammatica Ethiopica*. Mj. Spring Quarter, 1906
ASSISTANT PROFESSOR GOODSPEED
250. **Advanced Ethiopic.**—Using J. Bachmann, *Inedita Ethiopica*, and Charles, *Book of Jubilees*. M. Spring Quarter, 1908
PROFESSOR HIRSCH
252. **North Semitic Inscriptions,** including a study of the Moabite stone, the Siloam inscription, the Sinjirli inscriptions, and others, from the point of view of their contribution to a knowledge of Hebrew, and to a better understanding of Old Testament history and literature. Mj. Autumn Quarter, 1908
DR. SMITH
254. **Semitic Seminar I.**—Comparative Semitic Phonology. PROFESSOR W. R. HARPER
256. **Semitic Seminar II.**—Comparative Semitic Etymology. Mj. Autumn Quarter, 1906
PROFESSOR PRICE
258. **Semitic Seminar III.**—Comparative Semitic Syntax. Mj. Spring Quarter, 1906
PROFESSOR R. F. HARPER
- Time to be arranged.
260. **Comparative Semitic Lexicography.**—A Seminar. Prerequisites: *Hebrew, Aramaic, Assyrian and Arabic*. PROFESSOR R. F. HARPER

IX. THE DEPARTMENT OF BIBLICAL AND PATRISTIC GREEK

OFFICERS OF INSTRUCTION

ERNEST DE WITT BURTON, D.D., *Professor and Head of the Department of New Testament Literature and Interpretation.*

SHAILER MATHEWS, A.M., D.D., *Professor of New Testament History and Interpretation.*

CLYDE WEBER VOTAW, D.B., PH.D., *Assistant Professor of New Testament Literature.*

EDGAR JOHNSON GOODSPEED, D.B., PH.D., *Assistant Professor of Biblical and Patristic Greek, Assistant Director of Haskell Oriental Museum.*

FELLOWS, 1906-7

FRANK GRANT LEWIS, A.B.

FREDERICK OWEN NORTON, A.B.

HERMON HARRISON SEVERN, A.B.

INTRODUCTORY

LINES OF STUDY

The Department known in the Divinity School as the Department of New Testament Literature and Interpretation (XLII) is designated in the Graduate School and the Senior Colleges as that of Biblical and Patristic Greek (IX). The two titles emphasize different aspects of the work of the one Department. The aim of this Department is to provide instruction in the following lines of investigation:

1. The Greek of the New Testament, and of other Greek literature closely related linguistically to the New Testament, for students who already have a knowledge of classical Greek. In this division of the work opportunity is provided for the translation and grammatical study of the New Testament, of the Septuagint and other Greek versions of the Old Testament, of Jewish Greek Literature nearly contemporaneous with the New Testament writings, and of early Christian Greek literature. The special aim in this portion of the work is primarily, to give to all students the necessary linguistic foundation for the interpretation of the New Testament, and, secondarily, to afford to those who desire it an opportunity to form a broad basis for advanced original work in the various departments of New Testament study.

2. The documents of the New Testament text, and the theory and praxis of textual criticism as applied to them.

3. Historical Introduction to the study of the New Testament, including:

a) The History of New Testament Times in Palestine.

b) The History of New Testament Times in the Græco-Roman World. Both these lines of study are pursued with special reference to the acquisition of the method of historical investigation, and of the necessary historical basis for the interpretation of the New Testament.

c) The History of the Apostolic Age of the Church, especially the Life of the Apostle Paul, as a preparation for the study of the books which arose in this period.

d) Special Introductions to the several New Testament Books, in which the authorship, date, purpose, and plan of these books are discussed. These are taken up in connection with the preceding line of study, c), and with the following, 4b), but also in a summary way in a special course.

4. The Interpretation of the New Testament, including:

a) Principles of interpretation, especially as applied to the New Testament. Instruction in these principles is given only in connection with the actual work of interpretation on the part of the student, and is practical rather than theoretical.

b) Interpretation of the various New Testament books in accordance with the principles referred to above. The object kept in view is to furnish a basis for the study of the life of Jesus, and for the work of the Department of Biblical Theology.

5. The Life of Jesus Christ. It will be the endeavor of the instructors to make all the previously mentioned lines of study, especially as applied to the gospels, contribute to the attainment and presentation of a true conception of the life and teaching of Jesus.

6. The History of the New Testament, including (a) the history of manuscripts and versions; (b) the history of the canon; (c) the history of interpretation; (d) the history of criticism.

GENERAL AIM

The work of the Department is planned with reference to the needs of three classes of students:

1. Those who are preparing for the Christian ministry and expecting to be pastors.
2. Those who are preparing to be teachers of the Bible or of the biblical languages, or instructors in other departments of theological study.
3. Those who seek a knowledge of the Bible as a part of a liberal education, or as preparation for general Christian service.

It is recognized that the great majority of those whom the Department serves will be of the first of these classes, and special reference is therefore had to their needs. Yet it is believed that there ought to be, and it is hoped that there will be, an increasing number of students of both the other classes, and the effort has been made to provide courses of instruction adapted to them.

With a view to meeting the varied needs of these several classes, the relative emphasis on the impartation of the results of the instructor's investigation, the acquisition of information derived from other sources and training of the student to investigate for himself, varies in different courses. But the courses as a whole are planned with a view to developing the student's own powers of investigation, and in most of them this is the result *directly* aimed at.

ARRANGEMENT OF WORK

I. THE PRELIMINARY COURSES

In order to accomplish thorough and independent work in the study of the New Testament, it is necessary that the student should acquire at the outset a knowledge of the history of New Testament times, of the Greek language as used by New Testament writers, of the general character and content of the New Testament books, and of the fundamental principles of interpretation. With a view to the acquisition of this fundamentally necessary knowledge, all students who are candidates for a degree in the Graduate Divinity School are required to take Courses 1, 2, and 3 in the first four Quarters of their course, and are strongly advised to elect Course 25, 28, or 33 in the second year. Students in the Graduate School who make the New Testament or Biblical Greek one of the subjects presented for a degree must also take these four courses.

II. SECONDARY WORK IN THE NEW TESTAMENT FOR THE DOCTOR'S DEGREE

Students who make New Testament Interpretation and Theology their secondary subject for the Doctor's degree must complete work equivalent to not less than nine Majors, including the four Majors named above. The additional courses must be selected with reference to their relation to the student's principal subject, and must be approved by the Head of the New Testament Department. Such students must be familiar with the grammar and vocabulary of the Greek New Testament, and must be able to read any portion of it. Students who take the Old Testament as their principal subject and the New Testament for their secondary subject are recommended to include Courses 40, 44, and 61 in their selection.

III. SECONDARY WORK IN BIBLICAL GREEK

Students who make Biblical Greek their secondary subject for the Doctor's degree are required to complete work in that subject equivalent in the aggregate to not less than nine Majors, including the four Majors named above. The courses must be systematically arranged and must be approved by the Head of the Department. The student must be able to read the Septuagint version of the historical books of the Old Testament, any portion of the New Testament, and the Apostolic Fathers.

IV. PRINCIPAL WORK IN THE NEW TESTAMENT

Students who make New Testament Interpretation and Theology their principal subject for the Doctor's degree must acquire a reasonably thorough knowledge of the entire field covered by the Department, including all of the six lines of study indicated above, and must become specially proficient in some one of these lines. They will also be required to have a good knowledge of Hebrew, and of Aramaic, and to have done systematic work in Old Testament History and Interpretation, especially in the History of Prophecy. The preliminary courses in Hebrew (three Majors), together with a course in Aramaic and three courses in the History and Interpretation of the Old Testament, will furnish the minimum preparation necessary. These courses are required by the New Testament Department, whether the Old Testament be taken as the secondary subject or

not. The total amount of work required for the degree cannot be stated in Majors and Minors. The degree is granted only to those who give evidence of high attainments in the Department and of ability to be independent investigators.

V. PRINCIPAL WORK IN BIBLICAL GREEK

Students who make Biblical and Patristic Greek their principal subject for the Doctor's degree must be proficient in Jewish and Roman History from 175 B. C. to 135 A. D., and must have a good acquaintance with the Jewish and Christian literature of this period, and a thorough knowledge of the Greek of the Septuagint, the New Testament, and the Apostolic Fathers. They must be proficient in classical Greek, and have at least an elementary knowledge of Comparative Indo-European Grammar. They must also have such knowledge of Hebrew as can be acquired by the three preliminary Majors in the Old Testament Department together with the course in Hebrew Syntax. A knowledge of Aramaic is also required.

VI. WORK LEADING TO THE MASTER'S DEGREE

The requirements for a Master's degree, when the New Testament or Biblical Greek is the principal subject, are the same as for the Doctor's degree, when the New Testament or Biblical Greek is the secondary subject. When the secondary work for a Master's degree is done in this Department, a total of not less than six Majors, including the four Majors named in I above, and approved by the Head of the Department, will be required. Every student recommended by this Department for a degree must also be proficient in classical Greek and well acquainted with the Greek of the New Testament.

VII. THE NEW TESTAMENT CLUB

The New Testament Club holds fortnightly meetings for the review of current literature and the presentation of papers on subjects connected with New Testament study.

LIBRARY FACILITIES

Including works in their own departmental library, in other departmental libraries accessible to students and instructors, and in the General Library of the University, the New Testament Department possesses a very large and valuable library outfit. Many of the most valuable older works are contained in the Hengstenberg and Bible Union collections, which were acquired entire by the Baptist Union Theological Seminary and brought by that school to the University when the two institutions were united, and a very good collection of more recent works has been purchased within the last nine years. This collection is being constantly increased by careful purchase. The leading German, English, and American journals devoted to biblical criticism and interpretation are also accessible to the student.

COURSES OF INSTRUCTION

1. Introduction to the Study of New Testament Greek. — Characteristics of the Greek of the New Testament; brief survey of facts and principles of textual criticism, translation of the gospel of Mark; exercises in interpretation; elementary principles of interpretation.
A required course.

Mj. Summer Quarter, 1906
ASSISTANT PROFESSOR VOTAW, AND
ASSISTANT PROFESSOR GOODSPEED
Mj. Autumn Quarter, 1906
ASSISTANT PROFESSOR GOODSPEED

2. Introduction to New Testament History. — Geography of Palestine; history of the Jewish people from 175 B. C. to 70 A. D. with special reference to the rise of the Pharisees and the

Messianic hope; sketch of the rise of Christianity.
Essays by the class. *A required course.*

Mj. Winter Quarter, 1907
PROFESSOR MATHEWS

3. Introduction to the Books of the New Testament. — General survey of the field of New Testament study; examination of the books of the New Testament with reference to their occasion, purpose, and content, covering (a) the epistles of Paul in relation to his life and thought, (b) the gospels and Acts, (c) the general epistles and Revelation; assigned reading in the history of the canon.

A required course.

Mj. Summer Quarter, 1906
Spring Quarter, 1906, 1907
PROFESSOR BURTON

4. **Rapid Translation and Interpretation of portions of the Greek text of the New Testament.**
Mj. Spring Quarter, 1906
ASSISTANT PROFESSOR GOODSPEED
Mj. Spring Quarter, 1907
ASSISTANT PROFESSOR VOTAW
5. **New Testament Syntax.**—Inductive study of the syntax of the noun, pronoun, and article.
PROFESSOR BURTON
8. **Textual Criticism of the New Testament.**—Material and principles of criticism, with practical exercises from *fac similes* and digests of readings.
Mj. Winter Quarter, 1907
ASSISTANT PROFESSOR GOODSPEED
11. **History of New Testament Times in the Græco-Roman World.** Mj. Spring Quarter, 1906
ASSISTANT PROFESSOR GOODSPEED
13. **History of the Apostolic Age of the Christian Church.** Mj. Winter Quarter, 1906
ASSISTANT PROFESSOR VOTAW
16. **Introduction to the Synoptic Gospels.**—Detailed examination of the resemblances and differences of the first three gospels as bearing upon the question of the sources and authorship of each.
Mj. Winter Quarter, 1907
ASSISTANT PROFESSOR GOODSPEED
17. **Introduction to the Gospel of John.**—Internal and external evidence bearing upon the origin of the Fourth Gospel. A Seminar.
Mj. Autumn Quarter, 1906
PROFESSOR BURTON
19. **The Life of Christ.**—Historical study on the basis of the gospel records.
Mj. Spring Quarter, 1906
PROFESSOR MATHEWS
Open to members of the Senior Colleges.
Mj. Autumn Quarter, 1906
ASSISTANT PROFESSOR VOTAW
For the Colleges only.
- 20A. **The Parables of Jesus.**—Their characteristics; principles of interpretation; interpretation of a limited number.
M. First Term, Summer Quarter, 1906
PROFESSOR MATHEWS
- 20B. **The Miracles of Jesus.**—Their characteristics, purpose, and historicity.
24. **Life of the Apostle Paul, and Introduction to the Pauline Epistles.**
PROFESSORS BURTON AND MATHEWS
25. **The Gospel of Matthew.**—Study of the book with reference to authorship, structure, and specific purpose; translation of Greek text; inductive study of leading words; interpretation of chaps. 3-7; lectures on interpretation.
Mj. Autumn Quarter, 1906
PROFESSOR BURTON
Prerequisite: *The required courses.*
NOTE.—Course 25 is given each third year, rotating with 28 and 33. All candidates for a degree are advised to elect one of these three courses.
- 25B. **Jesus' Sermon on the Mount.** A study of the historical features of the discourse as recorded in Matt., chaps. 5-7, and Luke 6:20-49; the theme of the sermon and its development; the interpretation of the teaching of Jesus herein contained, with special reference to present-day religious and ethical thought.
M. Second Term, Summer Quarter, 1906
ASSISTANT PROFESSOR VOTAW
27. **The Gospel of Luke.**—Study of the Greek text, with special attention to its use by preachers as a basis for Christian teaching.
Mj. Winter Quarter, 1906
PROFESSOR MATHEWS
28. **The Gospel of John.**—Study of the book with reference to authorship, structure, and purpose; translation of the Greek text; study of the leading terms of the gospel, intended to lay the foundation of an inductive study of Johannine theology; interpretation of chaps. 1-3; lectures on interpretation. (See note under 25.)
Mj. Autumn Quarter, 1906
PROFESSOR BURTON
Prerequisite: *The required courses.*
29. **The Book of Acts.**—Introduction; study of the Greek text from a linguistic and historical point of view.
Mj
ASSISTANT PROFESSOR VOTAW
30. **The Epistles to the Thessalonians.**—Introduction; analysis of the letters; translation of Greek text; interpretation of selected passages.
M. First Term, Summer Quarter, 1906
ASSISTANT PROFESSOR GOODSPEED
31. **The Epistle to the Galatians.**—Introduction; analysis of the letter; translation of the Greek text; interpretation of selected passages.
PROFESSOR BURTON
32. **The Epistles to the Corinthians.**—Historical situation; analysis of the letters; translation and inter-

pretation of the Greek text; contribution of the epistles to our knowledge of primitive Christianity, and their practical value for the Christianity of today. Mj. Autumn Quarter, 1906

ASSISTANT PROFESSOR VOTAW

33. **The Epistle to the Romans.**—Introduction; analysis of argument; translation of Greek text; study of the leading terms of the epistle, intended to lay the foundation of an inductive study of the Pauline theology; interpretation of chaps. 1-8; lectures on interpretation. (See note under 25.)

Mj. Autumn Quarter, 1907

PROFESSOR BURTON

Prerequisite: *The required courses.*

34. **The Epistle to the Colossians.**—See 31.

M. Spring Quarter, 1907

PROFESSOR MATHEWS

35. **The Epistle to the Ephesians.**—See 31.

M. Spring Quarter, 1907

PROFESSOR MATHEWS

36. **The Epistle to the Philippians.**—See 31.

PROFESSOR BURTON

37. **Exegetical Study of Selected Texts in the General Epistles.**—Practice in applying the principles of interpretation to New Testament texts as a groundwork for homiletics, involving interpretation of the Greek text from the historical point of view and formulation of themes for preaching.

Mj. Winter Quarter, 1907

ASSISTANT PROFESSOR VOTAW

38. **The Epistle to the Hebrews.**—Introduction; history of opinion concerning the authorship of the letter; analysis of argument; reading of Greek text; the interpretation of selected passages.

Mj

ASSISTANT PROFESSOR GOODSPEED

Prerequisite: *The required courses.*

- 38B. **The Epistles of John.**—Introduction; translation and interpretation of the Greek text. M

ASSISTANT PROFESSOR GOODSPEED

39. **The Book of Revelation.**—Introduction to the Christian use of apocalyptic; history of the modern criticism of the Book of Revelation; interpretation of the Greek text.

Mj. Winter Quarter, 1906

ASSISTANT PROFESSOR VOTAW

40. **New Testament Quotations from the Old Testament.**—Part I. Interpretation of quotations in

the synoptic gospels on the basis of the Hebrew Old Testament, the Septuagint translation, and the Greek New Testament. M

PROFESSOR BURTON

Prerequisite: *Course 1, and a knowledge of Hebrew.*

41. **New Testament Quotations from the Old Testament.**—Part II. Quotations in Acts and the epistles. (See under Course 40.) M

PROFESSOR BURTON

Prerequisite: *Course 1, and a knowledge of Hebrew.*

44. **Rapid Reading in the Septuagint.**—Translation of portions of the Greek Old Testament; study of the characteristics of Septuagint Greek, and its relation to the Greek of the New Testament the origin and history of the Septuagint, and other Greek versions of the Old Testament.

Mj. Spring Quarter, 1907

ASSISTANT PROFESSOR VOTAW

46. **Jewish Literature of New Testament Times.** A study of the Jewish writings, historical, psalmodic, philosophical, and apocalyptic, of the years 175 B. C. to 135 A. D.

Mj

ASSISTANT PROFESSOR VOTAW

48. **The Writings of Philo.**—Biographical introduction; reading of selected portions of his works; discussion of his mode of interpretation, and of his philosophical ideas.

M. First Term, Autumn Quarter, 1905

ASSISTANT PROFESSOR VOTAW

49. **The Writings of Josephus.**—Biographical introduction. Translation of the work against Apion, and portions of War of the Jews and the Antiquities.

M. Second Term, Autumn Quarter, 1905

ASSISTANT PROFESSOR VOTAW

53. **The Apostolic Fathers.**—Brief introductions; translation of the Greek text; lectures and essays on the theology of the several writers.

Mj

ASSISTANT PROFESSOR GOODSPEED

54. **Reading in Christian Literature Bearing on the History of New Testament Books.**

M

ASSISTANT PROFESSOR GOODSPEED

55. **Christian Literature to Eusebius.**—History of Ante-Nicene Christian Literature, with reading of assigned portions, partly in original, partly in translation.

Mj. Autumn Quarter, 1906

ASSISTANT PROFESSOR GOODSPEED

57. **The Formation of the New Testament Canon and its history in the Ante-Nicene Period.**
Mj. Winter Quarter, 1906
ASSISTANT PROFESSOR GOODSPEED
59. **The History of the Interpretation and Criticism of the New Testament.** Mj
ASSISTANT PROFESSOR VOTAW
60. **Theology of the New Testament.**—The principal teachings of Jesus, and of the leading New Testament writers. An outline course from the historical point of view.
Mj. Summer Quarter, 1906
PROFESSOR BURTON
61. **Theology of the Synoptic Gospels.**—An inductive study of the teachings (a) of John the Baptist, (b) of Jesus, (c) of the several evangelists. A Seminar.
Mj. Spring Quarter, 1906
PROFESSOR BURTON
Prerequisite: *The required courses, and 25 (or 27).*
- NOTE.—Course 61 is given each third year in rotation with Courses 62 and 63, each course following an exegetical course preparatory to it in the Autumn Quarter.
62. **Theology of the Gospel and First Epistle of John.** An inductive study of the teachings (a) of John the Baptist, (b) of Jesus, as these appear in the fourth gospel, and (c) of the evangelist. A Seminar.
Mj. Spring Quarter, 1907
PROFESSOR BURTON
Prerequisite: *The required courses, and 28.*
63. **The Teaching of Jesus.**—Characteristics of the records of the teaching, arrangement of the material under specific topics with reference to their organic relation, and an interpretative study of the teaching.
Mj. Winter Quarter, 1907
ASSISTANT PROFESSOR VOTAW
Open to members of the Graduate Schools and of the Senior Colleges.
- 63A. **The Ethical Teachings of Jesus, in relation to the ethics of the Old Testament and of the Pharisees.** PROFESSOR BURTON
- 63B. **The Religious Teachings of Jesus on the basis of the gospel records.** M
PROFESSOR MATHEWS
66. **Theology of the Second Group of the Epistles of Paul.**—An inductive study of the teachings of the apostle in his letters to the Galatians, Corinthians, and Romans. A Seminar.
Mj. Spring Quarter, 1908
PROFESSOR BURTON
Prerequisite: *The required courses, and 31, 32, 33, or 36.*
68. **The Ethical Teachings of the New Testament.** Mj
PROFESSOR MATHEWS
69. **The Doctrine of Atonement in the New Testament.**—The doctrine of the basis of forgiveness and justification in the several writers and groups of books in the New Testament.
PROFESSOR BURTON
70. **Lexicographical Seminar, for the historical study of important New Testament words.** PROFESSOR BURTON
Prerequisite: *One or more exegetical courses in the New Testament.*
75. **Research Work.**—Investigation in the field of lexicography, history, exegesis, and biblical theology. Every Quarter. PROFESSOR BURTON

X. THE DEPARTMENT OF SANSKRIT AND INDO-EUROPEAN COMPARATIVE PHILOLOGY

OFFICERS OF INSTRUCTION

CARL DARLING BUCK, PH.D., *Professor and Head of the Department of Sanskrit and Indo-European Comparative Philology.*
JOHN JACOB MEYER, PH.D., *Associate in Sanskrit and Indo-European Comparative Philology.*
SAMUEL NORTHRUP HARPER, A.B., *Associate in the Russian Language and Literature.*

X A. GENERAL COMPARATIVE PHILOLOGY

GHEN-ICHIRO YOSHIOKA, PH.B., *Docent in Japanese.*

FELLOW, 1906-7

GHEN-ICHIRO YOSHIOKA, PH.B.

INTRODUCTORY

The aim of the Department will be :

1. To furnish the requisite training for those intending to make Indo-European Philology their chief work. Instruction will be given in the most important branches of the family by means of courses which combine a practical introduction to the respective languages with lectures and exercises on their comparative grammar. Such courses are offered by this Department in Sanskrit, Avestan, Old Persian, Lithuanian, and Old Bulgarian, and by the English and German Departments in Old English, Gothic, and Old High German. In Greek and Latin, of which a practical knowledge is presupposed, the work will be entirely grammatical, consisting of lectures and exercises on the comparative grammar of Greek and Latin, and the Greek and Italic dialects. For work in the comparative syntax of Greek and Latin the programme of the Latin Department is to be consulted.

2. To provide for a systematic course of study in Indic Philology. The courses offered are designed to provide for the needs alike of students who turn to Sanskrit for the better understanding of Indo-European language and civilization and of those who are interested especially in the contributions of India to religious and philosophical thought. Provision is made for a consecutive course of study extending over three years.

3. To act as an auxiliary to the Greek and Latin Departments by furnishing instruction in the comparative grammar of the classical languages and in the Greek and Italic dialects. Courses 1 and 2 will also be adapted to students in the German and English Departments who are engaged chiefly in linguistic work.

4. To provide a brief introductory course, such as will be of value to the general student.

The work of the Summer Quarter is intended to meet the wants of teachers of Greek and Latin who desire an insight into the methods of comparative grammar and an elementary knowledge of Sanskrit.

COURSES OF INSTRUCTION

*1. **General Introduction to the Study of Indo-European Philology.**—Brief history of the science. General principles of linguistic development; nature of changes in form and meaning; uniformity of the phonetic processes; analogy; relation of spelling to speech; language and dialect; rise of a standard language; language mixture. The grouping of the Indo-European languages; the ethnological relations and earliest history of each branch; its most important linguistic remains; the leading works of reference in each field. Indo-European antiquities ("linguistic paleontology"). No textbook is used, but a considerable range of reading is assigned in connection with the lectures.

Mj. Spring Quarter; 11:00
PROFESSOR BUCK

2. **Outlines of the Comparative Grammar of Greek and Latin (Sounds and Inflections.)**—This course, which is intended primarily for classical students, though also adapted to the needs of students of Germanic or Romance Philology, is meant to be eminently practical, emphasizing those relations which can be understood from a study of the Greek and Latin languages themselves, and the facts which are most helpful

to an understanding of the historical development in each language.

Mj. Autumn Quarter; 12:00
PROFESSOR BUCK

3. **Exercises in Greek and Latin Historical Grammar Based on the Study of Selected Inscriptions.**—The time is equally divided between Greek and Latin, and either half may be taken separately as a Minor.

Mj. Winter Quarter; 12:00
PROFESSOR BUCK

4. **Historical Latin Grammar.**—Lectures and exercises upon the history of Latin sounds and inflections.

M. First Term, Summer Quarter; 11:30
PROFESSOR BUCK

6. **Italic Dialects.**—Buck's *Grammar of Oscan and Umbrian* will be used.

M. First Term, Summer Quarter; 10:30
PROFESSOR BUCK

7. **Greek Dialects.**—Solmsen's *Inscriptiones Graecae ad illustrandas dialectos selectae* will be used.

Mj. Spring Quarter; 12:00
PROFESSOR BUCK

10. **Sanskrit.**—Elementary Course. Whitney's *Sanskrit Grammar* and Lanman's *Sanskrit Reader*

*Courses 1-7, 10-12, 21-24, and 30-32 are Senior College and Graduate courses; all others are Graduate only. Courses 21-24 are also open to students of the Junior Colleges upon consultation with the instructor.

are used. The reading is begun after about six lessons on the more important paradigms. In connection with the reading, the system of sounds and inflections is studied more carefully and in the light of comparative grammar.

Mj. Summer Quarter; 1:30

DR. MEYER

Mj. Autumn Quarter; 11:00

PROFESSOR BUCK

11. **Sanskrit.**—Reading of classical texts from Lanman's *Reader* and exercises in Sanskrit composition.
Mj. Winter Quarter; 2:00

12. **Introduction to Vedic Study.**—Lanman's *Reader* and Hillebrandt's *Vedachrestomathie* will be used.
Mj. Summer Quarter; 2:30.

DR. MEYER

Mj. Spring Quarter; 2:00

13. **Kalidasa's Çakuntalā, or Vikramorvaçī,** with an introduction to scenic Prākṛit.

Mj. Winter Quarter; 3:00

14. **Kalidasa's Meghadūta and Rtusamhāra.**

[Not to be given in 1906-7]

17. **Pali.**—For beginners. Reading of Ellwell's *Nine Jātakas*, followed by the *Dhammapada*. Pre-requisite: *Sanskrit*.

[Not to be given in 1906-7]

19. **Avestan (and Old Persian).**—Introduction to Iranian Philology. Jackson's *Avesta Grammar* and *Avesta Reader* will be used. After completing the selections in the *Reader*, either additional texts from the *Avesta* (Geldner's edition) or the Old Persian inscriptions will be taken up. Pre-requisite: *Sanskrit*.

PROFESSOR BUCK

[Not to be given in 1906-7.]

20. **Lithuanian and Old Bulgarian.**—Introduction to Balto-Slavic Philology. Wiedemann's *Handbuch der litauischen Sprache* and Leskien's *Handbuch der altbulgarischen Sprache* will be used.

PROFESSOR BUCK

[Not to be given in 1906-7]

- 21, 22. **Elementary Russian.**—Reiff's *Russian Grammar*, and the *Russian Reader* of Boyer and Speranski will be used.

2Mj. Autumn and Winter Quarters; 9:30

MR. HARPER

- *23, 24. **Intermediate Russian.**—Grammar, composition, and reading. The practical knowledge of the language is emphasized in this course. Texts: *A Hero of Our Time* (Lermontov); *Reminiscences of the Soldier Ivanov* (Garshin).

2Mj. Autumn and Winter Quarters; 11:00

MR. HARPER

25. **Seminar.**—Problems in Indo-European Phonology and Morphology. Written papers will be expected each week.

Mj. Winter Quarter; Fri., 4:00-6:00

PROFESSOR BUCK

26. **Vedic Seminar.**—Interpretation of Selected Hymns from the Rig-Veda.

Mj. Spring Quarter; Wed., 4:00-6:00

X A. GENERAL COMPARATIVE PHILOLOGY

- 30, 31, 32. **Elementary Japanese.**—The aim of this course is a practical one. Elementary grammar and pronunciation are studied in connection with the reading of easy stories and conversation with regard to their contents. Chamberlain's *Japanese Grammar* and *Japanese Reader* are used as textbooks.

3Mj. Autumn, Winter, and Spring Quarters

MR. YOSHIOKA

Attention is called to the following related courses offered in other Departments:

- XII, 84. **The Comparative Syntax of Latin and Greek.**

Mj. Summer Quarter; 9:30

PROFESSOR HALE

- XIV, 103. **Gothic.**

Mj. Summer Quarter; 1:30

Mj. Autumn Quarter; 2:00

ASSISTANT PROFESSOR WOOD

- XIV, 251. **Seminar: Problems in Germanic Philology.**

Mj. Winter Quarter; 3:00

ASSISTANT PROFESSOR WOOD

- XV, 31. **Introduction to the Science of Language.**

Mj. Autumn Quarter; 3:00

PROFESSOR MANLY

- XV, 21. **Old English. (Elementary Course.)**

Mj. Summer Quarter; 2:30

Autumn Quarter; 12:00

MR. ROYSTER

* See footnote on preceding page.

XI. THE DEPARTMENT OF THE GREEK LANGUAGE AND LITERATURE

OFFICERS OF INSTRUCTION

PAUL SHOREY, PH.D., LL.D., *Professor and Head of the Department of the Greek Language and Literature.*

EDWARD CAPPS, PH.D., *Professor of Greek.*

CLARENCE FASSETT CASTLE, PH.D., *Associate Professor of Greek.*

ROBERT JOHNSON BONNER, PH.D., *Instructor in Greek and in Ancient History.*

DAVID ANDERSON COVINGTON, A.B., A.M., *Assistant in Greek.*

GEORGE NORLIN, PH.D., *Professor of Greek, University of Colorado* (Summer Quarter, 1906).

GENEVA MISENER, PH.D., *Professor of Greek and Latin, Rockford College* (Summer Quarter, 1906).

FELLOWS, 1906-7.

JOHN LEONARD HANCOCK, A.B.

ROGER MILLER JONES A.B.

R. WYLLIE HART, A.B.

MARY EDITH MCGREW, A.M.

INTRODUCTORY

Ability to read Greek with accuracy and ease, and intelligent enjoyment of the masterpieces of Greek literature are the indispensable prerequisites of all higher Greek scholarship. All other interests that may attach to the study are subordinate to these, and their pursuit is positively harmful if it prematurely distracts the student's attention from his main purpose.

In the work of the Junior Colleges the Department will keep this principle steadily in view, and will endeavor to teach a practical knowledge of Greek vocabulary and idiom, and to impart literary and historic culture by means of rapid *viva voce* translation and interpretation of the simpler masterpieces of the literature. The authors especially studied will be Homer, Xenophon's *Memorabilia* and *Hellenica*, with two or three of the minor Platonic dialogues, a few of the easier Greek orations, selections from Herodotus and Thucydides, and several Greek plays. In the Senior Colleges the chief stress will still be laid on reading and exegesis, but the range of authors presented to students' choice will be enlarged to include Pindar and Bacchylides, further study of the drama, Theocritus and the Greek lyric poets, the Attic orators, Thucydides, Aristotle, and Plato. Special courses will also be given on archæology, epigraphy, private and public antiquities, and literary history.

The ultimate aim of the graduate work is to train finished scholars, teachers, and investigators. Great pains will be taken, however, to avoid the too common error of hurrying into investigation students who lack the indispensable preliminary knowledge of the Greek language and literature. The Department will make a distinct effort to provide for the needs of students of this type. The opportunities of the Senior Colleges will be open to them, and suitable graduate courses are provided for them; they will also be admitted to the seminar as listeners and, to the extent of their ability, as active participants, on condition that they at the same time pursue special auxiliary courses of reading organized for them in connection with the seminar.

Candidates for the Doctor's degree in Greek (and where Greek is the major subject Latin must be offered as the minor) will be expected to show, in addition to an intimate knowledge of the principles of the two languages and facility in using them, a familiarity with Greek and Roman history, the history of Greek and Latin literature, and a special knowledge of a chosen author or authors in each language. When Greek is taken as the major subject, special stress will be laid on range and accuracy of reading, and on the quality of the dissertation, which must be printed.

For information in regard to Scholarships, Fellowships, and library facilities, see pp. 66, 67 of this *Register*.

COURSES OF INSTRUCTION

JUNIOR COLLEGE COURSES

0. **Elementary Greek.**—This course is adapted to two classes of students: a) those who have never studied Greek and b) those who desire to review rapidly the elements of Greek.

Mj. Autumn Quarter; 8:30

DR. BONNER

00. **Xenophon: "Anabasis."**—Those only will be admitted to this course who have completed Course 0, or the equivalent of one year's work in Elementary Greek in the preparatory school.

Mj. Winter Quarter; 2:00

DR. BONNER

Admission credit for one unit will be given to candidates for the degree of A.B. who complete Course 0 or Course 00, and two Majors of college credit to candidates for the other degrees. Applicants for advanced standing in Elementary Greek and in the *Anabasis* will be required to pass an examination. Not less than two Majors of Elementary Greek may be offered for credit.

A course in Elementary Greek covering approximately the work of Courses 0 and 00 is given as a double Major every Summer.

1. **Homer: Exercises in Homeric Grammar and Prosody.**—Elementary Course. For students who enter with only two units of Greek. This course will not be counted as one of the three required Majors.

Mj. Autumn Quarter; 9:30

Spring Quarter; 8:30

DR. BONNER

Required of all students in the College of Arts who did not receive credit for Homer on admission.

2. **Plato: "Apology" and "Crito;" Xenophon: "Memorabilia;" Exercises in the Writing of Greek.**—This course must be taken first by all students who enter with the full three units of Greek.

Mj. Autumn Quarter; 11:00

ASSOCIATE PROFESSOR CASTLE

Winter Quarter; 9:30

MR. COVINGTON

Spring Quarter; 9:30

DR. BONNER

Required of all students in the College of Arts.

- 2A. **Plato: "Apology."**

M. First Term, Summer Quarter

ASSOCIATE PROFESSOR CASTLE

May be taken with 6A as a substitute for the regular required course No. 2.

3. **Homer: "Odyssey."**—Nine to twelve books.

Mj. Summer Quarter

ASSOCIATE PROFESSOR CASTLE

AND PROFESSOR NORLIN

Autumn Quarter; 9:30

MR. COVINGTON

Winter Quarter; 11:00

ASSOCIATE PROFESSOR CASTLE

Spring Quarter; 9:30

MR. COVINGTON

Prerequisite: *Course 2.*

Required of all students in the College of Arts.

4. **Introduction to Greek Tragedy.**—The tragedies generally selected for study are the *Alcestis* of Euripides and the *Antigone* of Sophocles.

Mj. Autumn Quarter; 8:30

Winter Quarter; 9:30

ASSOCIATE PROFESSOR CASTLE

Spring Quarter; 8:30

PROFESSOR CAPPS

Prerequisite: *Courses 2 and 3.*

Required of all students in the College of Arts.

5. **Andocides: "On the Mysteries;" Thucydides, Book VI.**

Mj. Spring Quarter; 9:30

Prerequisite: *The three required Majors.*

[Not to be given in 1906-7]

6. **Lysias: Selected Oration.**

M. Summer Quarter; 9:00

PROFESSOR NORLIN

Mj. Spring Quarter; 8:30

ASSOCIATE PROFESSOR CASTLE

- 6A. **Lysias: Selected Oration.**

M. Second Term, Summer Quarter; —

PROFESSOR NORLIN

May be combined with 2A as a substitute for the regular required course No. 2.

9. **Plato: Minor Dialogues.**

Prerequisite: *The three required Majors.*

[Not to be given in 1906-7]

SENIOR COLLEGE COURSES

16. **Greek Composition.**—The course is intended primarily for those who intend to teach.

Mj. Autumn Quarter; 11:00

DR. BONNER

17. **The History of Greece to the Death of Alexander.**—An outline study of the political and social life of the Greek people. Lantern slides

and other methods of illustration will be employed.

Mj. Summer Quarter; 10:30

Winter Quarter; 11:00

DR. BONNER

21. **Homer and the Epic.**—Critical reading of one book of the *Iliad*. Rapid reading of selections from the entire poem. Lectures on the literary study and historical interpretation of Homer.

Mj.

PROFESSOR SHOREY

[Not to be given in 1906-7]

22. **General History of Greek Literature.**—Intended primarily for those who do not read Greek.

Mj. Summer Quarter

PROFESSOR MISENER

23. **Aristophanes.**

M. First Term, Summer Quarter; 2:30

PROFESSOR SHOREY

24. **Aristotle: "Politics."**—An introduction to the political and economic writings of Aristotle, and to the study of the social and political institutions of Greece. The text will be interpreted mainly by the instructor and topics will be assigned for reports.

Mj. Winter Quarter; 9:30

PROFESSOR CAPPS

25. **Aristotle: "Constitution of Athens."**—Studies in Athenian Constitutional History and Political Institutions based primarily upon this text, with extensive collateral readings in the other sources. Reports on assigned topics will be expected of members of the class, who will also be encouraged to undertake original studies in this field.

Mj. Autumn Quarter; 9:30

PROFESSOR CAPPS

27. **Pindar and Bacchylides.**

M. Second Term, Summer Quarter; 2:30

PROFESSOR SHOREY

28. **Æschylus.**—Two or three plays will be read by the class. The instructor will interpret the author as a whole. Special attention will be given to the lyric meters.

Mj.

PROFESSOR SHOREY

[Not to be given in 1906-7]

29. **Plato: The Republic.**

Mj. Summer Quarter; 9:00

PROFESSOR SHOREY

30. **The Lyric Poets.**—Fragments of the early elegiac and melic poets will be read, with lectures on the history of lyric poetry in Greece. Ques-

tions of meter and dialect will receive appropriate treatment.

Mj.

PROFESSOR CAPPS

[Not to be given in 1906-7]

31. **Theocritus, Bion, and Moschus.**—All of the Idyls of Theocritus, the Epitaphius of Bion, and some of the poems attributed to Moschus will be interpreted, together with typical mimes of Herondas.

Mj.

PROFESSOR CAPPS

[Not to be given in 1906-7]

32. **Hesiod and the Homeric Hymns.**—Reading and interpretation as related to Mycenæan civilization, to the Homeric poems, life, and thought, and to other early literature and pastoral life.

Mj. Spring Quarter; 9:30

ASSOCIATE PROFESSOR CASTLE

34. **Euripides.**—The reading of selected plays as literature. By means of lectures and papers a comprehensive view of all of the poet's extant plays will be presented. Open to Senior College students.

Mj. Winter Quarter; 8:30

ASSOCIATE PROFESSOR CASTLE

36. **Demosthenes.**—The translation of selected orations, accompanied by lectures and papers, to show the author's power as an orator, and the scope of his works. Open to Senior College students.

ASSOCIATE PROFESSOR CASTLE

[Not to be given in 1906-7]

38. **Homer and Homeric Age.**—Readings from the *Iliad* and *Odyssey*, with lectures, papers, and reports, designed to present a comprehensive view of the Homeric literature and age, and to show its relation to Mycenæan civilization and to later times. Open to Senior College students.

ASSOCIATE PROFESSOR CASTLE

[Not to be given in 1906-7]

39. **Herodotus.**—The author will be studied not only as a literary artist, but also as a source of information concerning the civilization, culture, and ideas of the age to which he belonged, and further as a basis for the study of the methods of historical writers; of the aim and methods in historical research and instruction, to be illustrated and elucidated by other historians both ancient and modern. Teubner's text will be used. Open to Senior College students.

Mj. Autumn Quarter; 9:30

ASSOCIATE PROFESSOR CASTLE

GRADUATE COURSES

40. **Greek Comedy: Aristophanes.**—The plays of Aristophanes will first be read. A detailed examination will be made of the structure and technique of these plays for the light they throw upon the beginnings of comedy.
Mj. Spring Quarter; 8:30
PROFESSOR CAPPS
45. **The Greek Theater.**—The general field of Greek Scenic Antiquities will be covered by lectures and reports; but attention will be directed particularly to unsolved problems in connection with the history and structure of the theater, the meaning of technical terms, scenic appliances, the dramatic contests, the choregia, the production of plays, actors and acting, and the like. The immediate and practical bearing of the subject upon the interpretation of the drama will be made prominent.
Mj. Winter Quarter; 8:30
PROFESSOR CAPPS
47. **Greek Inscriptions.**—An introduction to the study of the inscriptions mainly as important documents for the illustration of many phases of public and private life. Michel's *Recueil* will be used by the class, but with constant reference to the *Corpus* and the epigraphical journals, with which the student is expected to become familiar.
Mj. Autumn Quarter; 8:30
PROFESSOR CAPPS
50. **Greek Tragedy.**—The beginnings of Greek Tragedy and the course of its development will be treated in lectures, with consideration of the legendary material, the external conditions in which tragedy arose, the dramatic and scenic adjustment of its parts, the language of tragedy, and the history of our tragic texts. The course will involve the reading and analysis of several plays by each member, and a general survey of all the remains by the instructor.
PROFESSOR CAPPS
[Not to be given in 1906-7]
51. **Greek Tragedy.**—A continuation of Course 50.
[Not to be given in 1906-7]
54. **Lectures on the Literary Criticism and Rhetoric of the Ancients,** with modern illustrations and applications. Open to Senior College students.
PROFESSOR SHOREY
[Not to be given in 1906-7]
- 57, 58, 59. **The Attic Orators.**
PROFESSOR SHOREY
[Not to be given in 1906-7]
- 63, 64, 65. **Seminar: Plato.**
PROFESSOR SHOREY
[Not to be given in 1906-7]
- 66, 67, 68. **Seminar: Stoicism and Epicureanism in Ancient Literature and Life.**—The doctrine will first be studied in the extant fragments, and then its influence will be traced through Latin and later Greek literature. A second weekly meeting will be arranged for illustrative readings from Lucretius, Cicero, Seneca, Horace, Persius, Juvenal, Plutarch, Lucian, Epictetus, and Marcus Aurelius.
3Mj. Autumn, Winter, and Spring Quarters
Wed. 4:00-6:00
PROFESSOR SHOREY
Attention is also called to the following courses in the Department of the History of Art.
3. **Greek Life Studied from the Monuments.**
Mj. Autumn Quarter; 9:30
PROFESSOR TARBELL
- 4A. **Ancient Athens, Olympia, and Delphi.**
M. First Term, Summer Quarter; 8:00
PROFESSOR TARBELL

XII. THE DEPARTMENT OF THE LATIN LANGUAGE AND LITERATURE

OFFICERS OF INSTRUCTION

*WILLIAM GARDNER HALE, A.B., LL.D., *Professor and Head of the Department of Latin.*

CHARLES CHANDLER, A.M., *Professor of Latin.*

FRANK FROST ABBOTT, PH.D., *Professor of Latin.*

GEORGE LINCOLN HENDRICKSON, A.B., LL.D., *Professor of Latin.*

FRANK JUSTUS MILLER, PH.D., *Associate Professor of Latin.*

GORDON JENNINGS LAING, PH.D., *Assistant Professor of Latin.*

EDWARD AMBROSE BECHTEL, PH.D., *Instructor in Latin.*

CHARLES HENRY BEESON, A.B., *Instructor in Latin.*

SUSAN HELEN BALLOU, PH.B., *Associate in Latin.*

ROBERT JOHNSON BONNER, PH.D., *Instructor in Greek and in Ancient History.*

FELLOWS, 1906-7

LILLIAN GAY BERRY, A.B.

EVAN TAYLOR SAGE, A.B.

EMILY HELEN DUTTON, A.B., A.M.

DRAPER TOLMAN SCHOONOVER, A.B.

BERTHOLD LOUIS ULLMAN, A.B.

INTRODUCTORY

The aims of the Department of Latin are as follows:

1. To develop the power of rapid and intelligent reading, in the Roman order, and without translating.

In connection with this aim, but also for its independent value as a means of educating the higher literary taste, provision is made for practice in the writing of Latin: first, in connection with the work of the Junior Colleges, and, later, in Senior College courses.

2. To offer a wide range of reading in the important authors.

3. To provide for the systematic study of the life of the people in its various aspects—political, legal, social, religious, etc.—through special courses in Roman History, Roman Politics, Roman Private Life, Roman Religion, Roman Philosophy, and Roman Oratory. In addition, a course in Greek and Roman Art has been provided by the Department of the History of Art, and a course in Roman Law by the Department of Political Science.

4. To offer to students whose tastes lead in the direction of the historical side of the literature opportunities for the study of selected portions of Roman History from the sources.

5. To offer advanced courses—partly by lectures, partly by practical exercises, and partly by work in the seminars—in the study of the earliest existing remains of the language; in the interpretation of inscriptions; in the reading of facsimiles of manuscripts, and the treatment of problems of textual criticism; in the critical study of selected portions of some author; and in the comparative study of Greek and Latin syntax and the investigation of unsettled problems in this field. Provision is also made by the Department of Comparative Philology for courses in the Italic dialects, and in Latin grammar on the side of sounds and inflections.

6. To offer special opportunities for training to students who take up the teaching of Latin as a profession. These opportunities are increased by the resources presented by the School of Education.

Three kinds of courses are arranged: I. Courses in the study of the teaching of particular years, or parts of years, of the high-school course, with participation in this teaching, under the eyes of the instructor. These courses will be given in the building of the School of Education. (See Courses 40, 41.) II. More summarized courses in the individual authors taught in the high school. The work will be supplemented by visits to the corresponding classes in the School of Education (see Course 43). III. More general courses, one in matters necessarily underlying all teaching of Latin, such as pronunciation, syntax, word-order, and the application of the knowledge of these subjects in acquiring power to read (see Course 38), the other a broader course dealing with matters with which all teachers should have some degree of familiarity (see Course 39).

* Professor Hale will be on leave of absence for special work from September, 1906, to October, 1907.

Most students who are beginning graduate work will find it advisable to take further reading courses before electing courses of a more technical character. The work of the seminars can be done with most profit by those who have already spent a year or more in graduate study at the University.

All graduate courses, and the Senior College courses in reasonable proportion, are accepted as work leading to a second degree.

Candidates for the degree of Ph.D. in Latin and Greek (when Latin is the principal subject Greek must be offered as a secondary subject) will be expected to show, in addition to an intimate knowledge of the principles of the two languages and facility in using them, a familiarity with Greek and Roman history and the history of Greek and Latin literature, and a special knowledge of a chosen author or authors in each language. The thesis offered in candidacy for the degree must be in a form suitable for printing before the student is admitted to examination, and must be in the hands of the classical Faculty two months before the date fixed for that examination.

For information with reference to library facilities see p. 69 of this *Register*.

COURSES OF INSTRUCTION

JUNIOR COLLEGE COURSES

1A. Cicero: Orations.

Mj. Summer Quarter; 10:30
MR. BEESON

1A. Cicero: Orations (as above).

Mj. Autumn Quarter; 11:00
DR. BECHTEL

1B. Cicero: Orations (continued).

Winter Quarter; 11:00
DR. BECHTEL

2A. Virgil: "Æneid." Mj. Spring Quarter; 9:30 Prerequisite: *Course 1.* MISS BALLOU

2B. Virgil: "Æneid" (continued).

Mj. Autumn Quarter; 9:30
DR. BECHTEL

Courses 4, 5, and 6 are required of all candidates for the degree of A.B. Courses 1A, 1B, 2A, and 2B are open to candidates who have entered without the full preparation in Latin. But no person can take any of these courses, except the first, until he has successfully completed all preceding courses. For the first course, the prerequisite is the successful passing of the admission examination in Latin 1 and 2.

4. Cicero: "de Senectute;" Terence: "Phormio;"

Translation at Sight and at Hearing; the Writing of Latin.—The object of this course, and of the course next following, is to give the student power to read continuous pages of Latin of moderate difficulty with comparative ease and speed.

Mj. Every Quarter
Summer Quarter; 11:30 DR. BECHTEL
Autumn Quarter—

Sec. 4a, 8:30 ASSOCIATE PROFESSOR MILLER

Sec. 4b, 8:30 MISS BALLOU

Sec. 4c, 11:00 MISS BALLOU

Sec. 4d (Women); 3:00

ASSISTANT PROFESSOR LAING

Winter Quarter; 9:30

MISS BALLOU

Spring Quarter; 9:30 PROFESSOR CHANDLER

5. Livy, Books XXI and XXII, and Selections from Books I and II; Translation at Sight and at Hearing; the Writing of Latin.

Summer Quarter; 3:30
Autumn Quarter; 9:30

Mj. Every Quarter

MR. BEESON

MISS BALLOU

Winter Quarter—

Section 5a, 8:30 PROFESSOR CHANDLER

Sec. 5b, 8:30 DR. BECHTEL

Sec. 5c (Women), 11:00 MISS BALLOU

Spring Quarter; 8:30

ASSISTANT PROFESSOR LAING

Prerequisite: *Course 4.*

6. Horace: Odes; Wilkins's "Primer of Roman Literature."—By the time this course is reached, it is hoped that the student will have gained such a mastery of syntax and vocabulary that his attention may be given almost wholly to the literary study of the author read.

Mj. Every Quarter

Summer Quarter; 9:00

PROFESSOR CHANDLER

Autumn Quarter; 9:30

ASSOCIATE PROFESSOR MILLER

Winter Quarter; 9:30 PROFESSOR ABBOTT

Spring Quarter—

Sec. 6a, 8:30 PROFESSOR CHANDLER

Sec. 6b, 11:00 PROFESSOR HENDRICKSON

Prerequisite: *Courses 4 and 5.*

SENIOR COLLEGE COURSES

NOTE.—Before entering upon any Senior College course, students must have taken Courses 4, 5 and 6. Before taking any of the courses above 11, students must also have taken one of the Courses 7 to 11. Before entering upon any Graduate course,

students must have taken at least four Senior College courses Courses 13-21, as here outlined, are planned to afford a consecutive scheme of study covering a period of five Quarters. Students expecting to specialize in Latin or candidates for honors in this subject are advised to take this work, preferably in the order in which it is offered. It will, however, be possible for students to enter these Senior College courses in any Quarter on completion of one of the Courses 7 to 11.

7. Tacitus: The "Dialogus," "Agricola," and "Germania."—In connection with the study of these works the more general problems of the relation between content and literary form will be studied. Considerable attention will be paid to reading Latin aloud. Mj. Autumn Quarter, 11:00

PROFESSOR HENDRICKSON

9. Ovid: Selections from the "Epistulae," "Amores," "Fasti," "Metamorphoses," and "Tristia."—The object of the course is to make a general study of the life and works of Ovid, and of his place in Roman Literature.

Mj. Winter Quarter, 12:00

ASSOCIATE PROFESSOR MILLER

10. Rapid Reading Course: Livy, Phaedrus, and Aulus Gellius.—The course is intended especially to afford preparation for more advanced literary and linguistic courses, and is therefore recommended to students who intend to make a specialty of Latin.

Mj. Spring Quarter, 11:00
MISS BALLOU

11. Cicero: "De Officiis"—with a study of the development of ethical ideas among the Romans.

Mj. Summer Quarter, 10:30
DR. BECHTEL

12. The History of Rome to the Death of Constantine.—An outline study of the development of the political and social life of the Roman people. Lantern slides and other illustrative material will be used. Mj. Spring Quarter, 11:00

DR. BONNER

13. The Writing of Latin: Exercises in Latin Style.—The method employed will be the combination of writing with the study of a model. Original compositions in English and English translations from Latin authors will be given to the students to translate into Latin in the classroom or at home.

Mj. Winter Quarter, 2:00
ASSISTANT PROFESSOR LAING

14. Cicero: Letters.—Enough of the correspondence bearing upon political matters will be read to present an outline of Cicero's public life and of

his times; but attention will be given in particular to the letters on personal subjects, in the hope of throwing as much light as possible upon Cicero's private character, his tastes, his daily life, and his relations with his personal and literary friends. Mj. Autumn Quarter, 9:30

PROFESSOR ABBOTT

15. Pliny the Younger: Letters.—The principal object of this course and of Course 29, aside from the necessary study of the language, will be to present a picture of life and manners at Rome under the Early Empire.

PROFESSOR HALE

[Not to be given in 1906-7]

16. Lucretius.—A study, chiefly literary, of the *De Rerum Natura*, and of the transmission and original form of the poem.

Mj. Summer Quarter, 8:00
PROFESSOR CHANDLER

17. Horace: Satires and Epistles.—Attention will be especially directed upon the construction of these poems and upon Horace's philosophy of life. The members of the course will also be trained in reading hexameter verse.

Mj. Autumn Quarter, 12:00
PROFESSOR HENDRICKSON

18. Tacitus.—In this course selections from the *Annales* or *Historiae* will be read, with special regard to content and style. A study will be made of the political and social conditions of the times, and of the main characteristics of the author's style.

Mj. Winter Quarter, 2:00
ASSISTANT PROFESSOR LAING

19. Seneca: Selections from the Prose Writings.—The selections will exhibit Seneca's philosophical and religious views, and the literary characteristics of the school of writing which he represents.

PROFESSOR CHANDLER
[Not to be given in 1906-7]

20. Plautus.—The course will deal, on the literary side, with plot, character-drawing, diction, and style; on the linguistic side, with vocabulary, metrical treatment, and ante-classical forms and constructions. It will thus form a suitable introduction to the study of Colloquial Latin, and to the historical and comparative study of Latin Syntax.

PROFESSOR ABBOTT
[Not to be given in 1906-7]

21. Catullus.—Reading course.

PROFESSOR HALE

[Not to be given in 1906-7]

22. Terence.—At least four of the plays will be read, with special reference to their dramatic form, to the structure of the verse, and to scenic antiquities. Some attention will also be given to colloquial and archaic forms and constructions.

PROFESSOR ABBOTT

[Not to be given in 1906-7]

25. Virgil: "The Georgics;" Tibullus and Propertius. The work in Virgil will deal with the history of didactic poetry, with Virgil's diction and his treatment of the hexameter, with the construction of the *Georgics* and with their religious and patriotic temper. Sufficient selections will be read from Tibullus and Propertius to exhibit the place and consequence of these poets in the history of the development of the Augustan literature.

PROFESSOR CHANDLER

[Not to be given in 1906-7]

27. Virgil: *Aeneid*, Books VII-XII.—

Mj. Winter Quarter; 11:00

ASSOCIATE PROFESSOR MILLER

27A. The Life and Works of Virgil.

ASSOCIATE PROFESSOR MILLER

[Not to be given in 1906-7]

28. Tacitus and Suetonius.—The object of the course will be as much historical as literary. Collateral reading in modern histories of Rome will accompany the study of the authors.

PROFESSOR CHANDLER

[Not to be given in 1906-7]

29. Juvenal.—The main object of the course will be as described under Course 15 above; but, in addition, much attention will be paid to the accurate and intelligent rendering of the verse.

ASSISTANT PROFESSOR LAING

[Not to be given in 1906-7]

30. Latin Hymns and Christian Prose.—The two objects of the course are to present a view of the intellectual and moral tendencies of the centuries immediately following the decadence of pagan literature, and to give some acquaintance with the development of later Latin on the side of vocabulary, syntax, and general style.

Mj. Winter Quarter; 9:30

PROFESSOR CHANDLER

31. The Historical Development of Roman Oratory.—The course will take up the remains of the early

orators in Valerius Maximus, Aulus Gellius, Macrobius, and others, and will also include selections from Cicero's *Orations* and the *Panegyric* of Pliny. The *Brutus* of Cicero will be used as a general guide; and passages from the *Orator* and *De Oratore* of Cicero, the *Dialogus* of Tacitus, and the *Institutes* of Quintilian will serve as additional commentary.

PROFESSOR CHANDLER

[Not to be given in 1906-7]

32. Seneca: The Tragedies.—The history of tragedy will be traced through the extant fragments; and an examination into the sources of the tragedies will be made. The greater part of the course, however, will be devoted to the tragedies of Seneca.

ASSOCIATE PROFESSOR MILLER

[Not to be given in 1906-7]

33. Later Epic Poetry.—The course will be based on Lucan, Silius Italicus, and Statius. Their subjects and literary methods will be discussed, and in particular the relation which their epics bear to the *Aeneid*.

PROFESSOR ABBOTT

[Not to be given in 1906-7]

34. The Historical Development of Roman Satire, Followed by a Detailed Study of Persius.—In this course the development of Satire will be traced by the aid of the extant fragments, through Ennius, Lucilius, and Varro, to Horace. Especial attention will be paid to the fragments of Lucilius and of the *Menippean Satires* of Varro.

ASSOCIATE PROFESSOR MILLER

[Not to be given in 1906-7]

35. Quintilian, Book X.—Introductory lectures on the principles and technique of ancient literary criticism, followed by a detailed study of the character and sources of the literary criticism in the work named.

M. First Term, Summer Quarter; 11:30

PROFESSOR HENDRICKSON

36. Cicero: The Philosophical Works.—Selections will be read from the *De Finibus*, the *Academica*, and the *De Natura Deorum*, with reference both to the philosophical content and to style.

PROFESSOR CHANDLER

[Not to be given in 1906-7]

37. Roman Thought concerning the Future State of the Soul: I, Studied from the Literature.—Cicero's *Tusculan Disputations*, Book I, is made the basis for the study. In addition, passages bear-

ing upon the subject will be read from other philosophical works of Cicero, and from the *Letters*; also from Lucretius, Virgil, Horace, Seneca, and other authors.

Mj. Spring Quarter; 9:30

ASSOCIATE PROFESSOR MILLER

- 37A. Roman Thought concerning the Future State of the Soul: II, Studied from the Inscriptions.—The Roman sepulchral inscriptions, as collected in Bücheler's *Carmina Latina Epigraphica*, will be used as material.

ASSOCIATE PROFESSOR MILLER

[Not to be given in 1906-7]

38. Teachers' General Training Course, I.—Pronunciation and the reading of prose and verse. Rapid survey of the syntax of the cases, moods, and tenses, and of the principles of Latin order, in connection especially with the authors read in the high school. Exercises in the application of these principles in acquiring the power of reading.

Mj. Summer Quarter; 8:00

PROFESSOR HALE

39. Teachers' General Training Course, II.—The purpose of this course is to supplement the more specific courses named below. In it certain fundamental subjects, with which all teachers should have a general acquaintance, will be taken up. During the first term such topics will be discussed as the relation of the several fields of classical study to one another; the transmission and reconstruction of classical texts; the formation and use of a critical apparatus; the evidence bearing on certain difficult points in pronunciation; the structure of the common verses, with practical exercises in reading them; the making of a lexicon; the historical sources for a given period, and the method to be employed in testing their credibility. In the second term a critical examination will be made of Cæsar's account of his Gallic campaigns. The purpose and credibility of his narrative, the movements of the army during a chosen period, and military antiquities will be taken up for discussion.

Mj. Spring Quarter; 9:30

MR. ———

- 40, 41. Teachers' Training Course.—A study of the work of one of the four years of the high school, conducted partly through the instruction of a class of young students in the University High

School, and partly through informal lectures and the discussion of assigned material in the subject-matter of the course. Members of the course will from time to time take part in the instruction of the University High School class. The course will generally be given for two Quarters, but may be elected by University students for either Quarter, or for both. The subject for the year 1905-6 was Cæsar.

Autumn and Winter Quarters; 8:30

MR. ——— AND PROFESSOR HALE*

43. Teachers' Training Course.—A study, through a single Quarter, of one of the authors taught in the high school. The work will be supplemented from time to time by visits to the corresponding classes in the University High School.

ASSOCIATE PROFESSOR MILLER

[Not to be given in 1906-7]

44. Martial.—Considerable portions of the author will be read and studied with reference to his literary art and the state of Roman society under the Early Empire.

PROFESSOR CHANDLER

[Not to be given in 1906-7]

50. Research Course in Livy.—The course will be based mainly on the early part of Livy's narrative. Special topics, such as the constitution of the centuriate *comitia*, the episode of the decemvirate, and the career of Appius Claudius, will be taken up for consideration.

PROFESSOR ABBOTT

[Not to be given in 1906-7]

51. Research Course in Roman Politics.—The political history of the years 62-57, 49-48, and 44-43 B. C. will be studied from the sources; the careers of the leading politicians of those years will be followed, and the character and purposes of the several political parties will be examined. See No. 55.

PROFESSOR ABBOTT

[Not to be given in 1906-7]

52. Roman Private Life.—A systematic treatment with illustrations (by lantern views, photographs, etc.) from the remains of ancient art and, in particular, from the remains discovered in Pompeii, Herculaneum, and Rome.

Mj. Autumn Quarter; 2:00

ASSISTANT PROFESSOR LAING

* See footnote, p. 205.

53. **Roman Religion.**—The course will deal with the domestic, gentile, and public worship of the Romans. Special attention will be given to the festivals and priestly orders. The work will be carried on by lectures and reports.

Mj. Spring Quarter; 9:30
ASSISTANT PROFESSOR LAING

54. **Roman Political Institutions.**—The course will deal topically with the magistracies, the senate, the popular assemblies, and the courts of the Republic. It is intended primarily for teachers of Latin or Political Science.

PROFESSOR ABBOTT
[Not to be given in 1906-7]

55. **Roman Provincial Administration.**—A study of the Roman system of government and taxation in the provinces, based mainly upon Cicero's orations against Verres and his letters from Cilicia, Pliny's correspondence with Trajan, and the inscriptions. This course is intended to supplement No. 51.

PROFESSOR ABBOTT
[Not to be given in 1906-7]

56. **Early Latin.**—Allen's *Remnants*, Merry's *Fragments of Roman Poetry*, and Bücheler's *Carmina Epigraphica*. The object of the course is especially to give some clear and ordered knowledge of the beginnings of Roman literature. The treatment will be mainly philological and literary.

Mj. Autumn Quarter; 11:00
PROFESSOR ABBOTT

57. **Introduction to Latin Epigraphy.**—The course is planned to give students some knowledge of the material which is contained in the *Corpus Inscriptionum Latinarum* for the study of the Latin language and Roman life, and to equip those who go abroad to pursue their studies in Rome, or in museums and libraries elsewhere, with a working knowledge of epigraphy.

PROFESSOR ABBOTT
[Not to be given in 1906-7]

58. **Introduction to Latin Paleography.**—The course will consist of lectures by the instructor, and practical work by members of the class upon facsimiles of manuscripts.

PROFESSOR ABBOTT
[Not to be given in 1906-7]

59. **The Institutes of Justinian.**—In connection with the reading, comparison will be made with the Institutes of Gaius. Several topics of the Roman private law, especially those concerning the

family, will also be studied in their historical development from the early period, Morey's *Outlines of Roman Law* being used as a manual.

DR. BROEHL
[Not to be given in 1906-7]

30. **History of Roman Literature: Roman Oratory and Ancient Rhetoric.**—It is the plan of the Department to offer during one Quarter in each year a course of detailed study in the history of some period or department of Roman Literature. The lectures of the instructor will aim to guide the reading of students, and the primary object of the course will be to afford them assistance in gaining actual acquaintance with representative works of the period or subject under consideration.

Mj. Winter Quarter; 12:00
PROFESSOR HENDRICKSON

62. **Prose of the Late Empire.**—Special attention will be devoted to the development of Christian Latin Prose, and the *Octavius* of Minucius Felix, as well as portions of Augustine's *Confessions* and *De Civitate Dei*, will be read. At the same time the pagan culture of the fourth and fifth centuries will not be neglected, and the collateral reading will include Symmachus and Macrobius.

Mj. Summer Quarter; 9:00
DR. BROEHL

64. **Research Course in Cicero's Rhetorical Writings.**

Mj. Spring Quarter; 12:00
PROFESSOR HENDRICKSON

65. **Latin Versification and the Rhythms of Latin Prose.**—A study of ancient rhythmical and metrical theory, with practical exercises in reading Latin verse and specimens of rhythmical prose.

Mj. Winter Quarter; 11:00
PROFESSOR HENDRICKSON

66. **Translation as an Art.**—The object of this course is not to present methods of translation for the beginner, from the pedagogical standpoint, but to study the art of producing the translation of a given work as a polished piece of literature. Famous translations will be studied as models; the principles governing artistic translation will be formulated; and practice will be given the student in applying these principles in the translation of varied selections.

ASSOCIATE PROFESSOR MILLER
[Not to be given in 1906-7]

- 67, 68. **Catullus: Research Course.** Latin Paleography, with special reference to the text of Catullus.

PROFESSOR HALE

[Not to be given in 1906-7]

70. **History of Virgilian Interpretation.**—The ancient, mediæval, and modern masters of Virgilian interpretation and criticism will be studied, and their attitude and method noted. Of the modern students of Virgil especial attention will be given to the English, French, and German schools. (See Department XVI.)

Mj. Spring Quarter; 8:30

ASSOCIATE PROFESSOR MILLER

71. **Latin Poetry: Lectures and Studies.**—The field of Latin Poetry will be studied under the five divisions of dramatic, epic, satiric, lyric, and didactic poetry, a survey of each being made chronologically. Lectures by the instructor will

be supplemented by studies presented in the form of papers by the class.

ASSOCIATE PROFESSOR MILLER

[Not to be given in 1906-7]

72. **Research Course: The Latin Romance.**—Attention will be directed in the main upon Petronius and Apuleius. Readings from these authors will be supplemented by informal lectures on the history and characteristics of the Latin Romance. Papers will be presented from time to time by the members of the class.

PROFESSOR ABBOTT

[Not to be given in 1906-7]

73. **Research Course in Tacitus: The Agricola and Dialogus.**

M. First Term, Summer Quarter; 10:30

PROFESSOR HENDRICKSON

THE SEMINARS

- 75, 76, 77. **Seminar 1: Horace, the Odes, Sermones, and Epistulae, with the History of Roman Satire.**—This seminar is especially planned for students who are beginning graduate work. It will aim to familiarize them with the first principles of text criticism, with the proper use of the literature, and with methods of investigation.

ASSISTANT PROFESSOR LAING AND
PROFESSOR HENDRICKSON

[Not to be given in 1906-7]

- 78, 79. **Seminar 2: Roman Historiography.**—The material chosen for interpretation will be the *Agricola* of Tacitus and the Corbulo episode from the *Annals*.

PROFESSOR HENDRICKSON

[Not to be given in 1906-7]

- 80, 81. **Seminar 3: Colloquial Latin.**—The object of the Seminar will be to investigate some of the characteristics of colloquial Latin in the matter

of lexicography, pronunciation, syntax, and style, and to determine to some extent the relation of colloquial to literary Latin, as well as its connection with archaic Latin on the one hand, and with the Romance languages on the other.

2Mj. Autumn and Winter Quarters: Tuesday, 4:00-6:00

PROFESSOR ABBOTT

84. **Research Course: The Comparative Syntax of Latin and Greek.**—The work of the Seminar will deal first with the general question of methods of attack in syntactical investigation and the fundamental principles properly governing it, and then with detailed problems. The *Iliad*, Books I-III, and Plautus, *Captivi* and *Trinummus*, will be used for material. Papers will be prepared and discussed at meetings of the class.

Mj. Summer Quarter; 11:30

PROFESSOR HALE

COURSES IN GREEK AND LATIN OFFERED BY THE DEPARTMENT OF SANSKRIT AND INDO-EUROPEAN PHILOLOGY

2. **Outlines of the Comparative Grammar of Greek and Latin (Sounds and Inflections).**—This course, which is intended primarily for classical students, is meant to be eminently practical, emphasizing those relations which can be understood from a study of the Greek and Latin languages themselves, and the facts which are

most helpful to an understanding of the historical development of each language.

Mj. Autumn Quarter; 12:00

PROFESSOR BUCK

3. **Exercises in Greek and Latin Historical Grammar, Based on the Study of Selected Inscriptions.**—The time is equally divided between Greek and

Latin, and either half of the work may be taken separately as a Minor.

Mj. Winter Quarter; 12:00
PROFESSOR BUCK

4. Historical Latin Grammar.—Selections and exercises upon the history of Latin sounds and inflections.

M. First Term, Summer Quarter; 11:30
PROFESSOR BUCK

6. Italic Dialects.—Buck's *Grammar of Oscan and Umbrian* will be used.

M. First Term, Summer Quarter; 10:30
PROFESSOR BUCK

COGNATE COURSES IN OTHER DEPARTMENTS

According to the student's individual bent, his work may be furthered by the taking of certain courses in other Departments. Thus (outside of the courses offered by the Department of Greek) note especially Courses 1 and 11-20 offered by the Department of Sanskrit and Comparative Philology; Courses 33, 41,

and 63 offered by the Department of Romance Languages and Literatures; Courses 103, 109, and 112 offered by the Department of Germanic Languages and Literatures; Courses 21 and 30 offered by the Department of English; Courses 2-4 offered by the Department of the History of Art.

ADDITIONAL REMARKS TO DEPARTMENTS V, X, XI, AND XII

FELLOWSHIPS AND SCHOLARSHIPS

The Fellowships yield \$520, \$320, or \$120, and the Scholarships \$120.

The appointments to Fellowships and Graduate Scholarships in general are based upon evidence of proficiency and promise in the Departments in which the student intends to work. This evidence will naturally take the form of letters from former instructors, and papers of a scientific character which may have been prepared by the applicant, either for this special purpose or otherwise. The applicant should also furnish a brief sketch of his life, together with a catalogue of the institution from which he has received his Bachelor's or other degree (with the courses marked in which he has studied). A general statement of his plans for work should be submitted.

All applications should be in the hands of the President on or before March 1. Announcements of appointments are made during the first week of April.

A Senior College Scholarship in Greek is annually awarded to a student who has received the Junior College certificate within the year then ending (Autumn to Spring Quarters inclusive). The award is based upon (a) the record of the Greek courses taken (which must include the three required Majors and at least one elective Major); and (b) a special examination held in May. The examination in 1906 will be upon the *Minor Writings* of Xenophon (the *Scripta minora* in the Teubner edition).

A Graduate Scholarship in Greek is annually awarded at the June convocation to a student who has received the Bachelor of Arts degree from the University of Chicago within the year then ending (Autumn to Spring Quarters inclusive). The award is based upon (a) the record of the Greek courses taken (which must include at least three elective Majors), and (b) a special examination held in May. The examination in 1906 will be a) upon the orations of Lysias entire, and b) the History of Greek Literature.

A special Graduate Scholarship in Latin is annually awarded at the June Convocation to a student who has received the degree of Bachelor of Arts from the University of Chicago within the twelve months then ending. The award is based upon (1) the record of the Latin courses taken (which must include at least three

elective Majors in the Senior College); and (2) a special examination held in May. The examination will cover the following subjects: (a) assignments for translation at sight; (b) the general history of Rome; (c) the history of Latin literature. (The treatment of the general history by Pelham, and of the literary history by Mackail or Wilkins, will indicate the scope of the examination under b) and c) respectively.)

A Senior College Scholarship in Latin is annually awarded at the June Convocation to a student who has received the Junior College certificate within the twelve months then ending. The award is based upon (1) the record of the Latin courses taken (which must include the three required Majors and at least one elective Major in the Junior Colleges); and (2) a special examination held in May. The examination will include passages to be translated from Latin into English, and from English into Latin, and questions on Latin Literature. The Latin will be similar to that read in the courses mentioned, and the Latin Prose Composition will involve such grammatical and stylistic points as have been taken in connection with Courses 4 and 5. The questions on Latin Literature will follow the lines of the instruction given in Course 6.

Holders of Fellowships or Scholarships will be expected to give assistance of some kind in the work of the University, for the most part in the care of the Departmental Library, the reading of examination papers, or in instruction. In no case will a Fellow or Scholar be required or allowed to devote more than one-sixth of his time to such services; nor will a holder of one of the larger Fellowships be allowed, under any circumstances, to do private teaching, nor a holder of a smaller Fellowship or a Scholarship to do so without special permission.

LIBRARY FACILITIES

The rooms of the four Departments, eleven in number, are grouped about a Departmental Library Room as a center. This room has a capacity of about 10,000 volumes, and the advanced student thus enjoys constant and direct access to a large number of selected books and to all of the important journals.

In addition to the University Library, the Public Library of the City of Chicago and the Newberry Library are accessible to students of the University. The former has a branch office in the General Library of the University. Books from the latter are also sent, to be used in the rooms of the General Library of the University, upon application through the librarian of the latter.

XIII. THE DEPARTMENT OF ROMANCE LANGUAGES AND LITERATURES

OFFICERS OF INSTRUCTION

- KARL PIETSCH, PH.D., *Associate Professor of Romance Philology.*
 THOMAS ATKINSON JENKINS, PH.D., *Associate Professor of French Philology.*
 GEORGE CARTER HOWLAND, A.M., *Assistant Professor of Italian Philology.*
 ELIZABETH WALLACE, S.B., *Assistant Professor of French Literature.*
 THEODORE LEE NEFF, PH.D., *Instructor in French.*
 ERNEST JEAN DUBEDOUT, DR. ES LETTRES, *Instructor in French Literature.*
 HIRAM PARKER WILLIAMSON, A.M., *Instructor in French.*
 HENRI CHARLES EDOUARD DAVID, A.M., *Associate in French.*
 *MILTON ALEXANDER BUCHANAN, A.B., *Associate in Romance Languages.*
 EARLE BROWNELL BABCOCK, A.B., *Associate in French.*

FELLOWS, 1906-7

ANA JULE ENKE, PH.B.

AMEDES CARRADO NOBILI

EDITH RUDOLPH, A.B.

*Resigned.

INTRODUCTORY

The *Junior Colleges* provide elementary and intermediate courses in the French language. Students who have completed these courses commendably, and who have made good use of auxiliary opportunities, may expect to possess a good command of spoken French, an accurate reading knowledge of the language, and an acquaintance with the more important modern, and a few classic authors.

In the *Senior Colleges* the student is led to an intelligent appreciation of the masterpieces of classic and modern literature; at the same time his colloquial command is maintained and strengthened. Most of these courses are conducted in French. In addition, the student may elect the elementary and intermediate courses in Italian and Spanish.

In the *Graduate School* the instruction consists mainly of courses whose object is to put students in possession of the results already achieved in Romance linguistics and the history of the Romance literatures. The first year graduate studies correspond in a general way to the requirements for the "specialist" Master's degree; they are planned to meet the needs of those who are preparing to occupy positions which provide elementary and intermediate instruction in French, Italian, or Spanish. In the second and third years of graduate studies the aim is to impart to students, along with much that is in the nature of necessary information, an appreciation of sound methods of dealing with linguistic and literary facts and theories. This appreciation once reached, and granted the needed industry and enthusiasm, the student may attempt research work with good chance of success.

To be admitted as candidates for either of the higher degrees, students must furnish evidence of (a) preparation equal to three years' work in modern French (or nine Majors); (b) a reading knowledge of either Spanish or Italian.

The Master's degree.—For the general conditions of candidacy for this degree, see *the Annual Register*. With *Romance as secondary subject*, the requirements are: at least three Majors to be selected from the first-year graduate courses, one of them being an Italian or a Spanish course. With *Romance as principal subject*, the requirements are: (a) Courses 21, 31, 33, 39, 59, and 79, and one additional course, preferably 22, 23, or 41; (b) a satisfactory dissertation upon a subject approved by the Head of the Department; this must be presented at least eight weeks before the Convocation at which the candidate expects to receive the degree; (c) a satisfactory oral examination before the Faculty of the Department.

The Doctor's degree.—For the general conditions, see p. 65 of this *Register*. With *Romance as secondary subject*, nine Majors are required, to be selected from the regular graduate courses, after conference with the Head of the Department. At least one Major shall be in Spanish or Italian. With *Romance as principal subject* the minimum requirements are: (a) eight Majors in French language, four Majors in modern French literature, one Major in Spanish, one Major in Italian, and four additional Majors in either Spanish or Italian; (b) a satisfactory dissertation upon a subject which shall have been approved by the Head of the Department at least twelve months before the proposed date of the final examinations; the dissertation must be presented in a form practically complete at least four months before the Convocation at which the candidate expects to receive the degree; (c) a satisfactory written, and the public oral, examinations, the latter before a committee consisting of the Faculty of the Department and one or more members appointed by the President of the University.

Candidates for the degree of Doctor of Philosophy who desire to specialize in modern French literature may reverse the proportions of linguistic and literary courses in French indicated above, that is, such candidates are required to complete at least four Majors in French language (Courses 31, 33, 39, 41). Under the title "eight Majors in French language" are included a course in Popular Latin and a course in Provençal language and literature (Course 49). Candidates who desire to specialize in Italian or Spanish (or in both) will consult with the Head of the Department in regard to substitutions in the requirements outlined above.

It should be noted that the Doctor's degree will not be conferred merely for faithful and careful work, however great in amount. The candidate must possess special aptitudes for linguistic or literary studies, and show the power to investigate on independent lines. Three years, one of which may profitably be spent abroad, is the minimum of time usually required by those who possess the requisite capacity and preparation.

Two *Scholarships*, each yielding a sum equal to the University tuition fees for three Quarters (\$120), are awarded annually in the Spring Quarter. The *Graduate Scholarship* is awarded for excellence in the department studies of the Senior Colleges during the academic year. The *Senior College Scholarship* is awarded for similar excellence in the studies of the Junior Colleges.

The *Fellowships*, each yielding usually the sum of \$320, are assigned upon the basis of special aptitude shown in the field of Romance Languages. Applicants should forward to the President of the University definite statements in regard to past courses of study, including degrees, honors received, etc., together with specimens of written or printed work done in the Romance field. Applications must be received by the President not later than March 1 of each year, and are assigned during the first week of April. No Fellow is permitted to give private instruction of any kind. He is expected to render assistance of some sort in connection with the work of the University, to the extent of not more than one-sixth of his time, and, in general, by example and personal influence, to make the interests of the Department his own.

The *Romance Library*, recently enriched by important additions, adjoins the Libraries of the Departments of English and German. It is supplied with all the principal journals in the French, Spanish, and Italian fields of study, and with the treatises and works of reference necessary to illustrate the courses given and to carry on research work.

The *Cercle de Conversation française* meets once a week during the academic year.

The *Romance Club* meets on the second Tuesday in each month during the academic year. All Graduate students and instructors of the Department are members; journal notices, book reviews, and original papers are read and informally discussed.

It is intended that the graduate courses offered by this Department in the *Summer Quarter* shall, as far as practicable, be so arranged that qualified students may proceed regularly to the higher degrees by attendance in successive Summer Quarters.

COURSES OF INSTRUCTION

I. COURSES IN FRENCH LANGUAGE

For the Junior Colleges

(Class work is conducted in French)

NOTE 1.—Courses 1 and 2, 3, 4, 5, and 6 should be taken in consecutive Quarters and in that order.

NOTE 2.—Students who begin their study of French in the University will begin with Course 1. Those who receive credit for one unit of French on admission will begin with Course 3; those who receive credit for two units will begin with Course 5; those who receive credit for three units will begin with Course 7, 8, 10 or 11.

NOTE 3.—Courses 1 and 2 are to be taken in successive Quarters. No credit is given for Course 1 until after the completion of Course 2.

1. Elementary French.—The two Majors of Courses 1 and 2 are to be taken in consecutive Quarters.

Summer Quarter—

Sec. a (Men); 8:00

Sec. b (Women); 8:00

MR. DAVID AND DR. NEFF

Autumn Quarter—

Secs. a, b (Men); 8:30 and 11:00

Secs. c, d (Women); 8:30 and 11:00

ASSISTANT PROFESSOR WALLACE

MR. BUCHANAN

MR. WILLIAMSON

Winter Quarter—

Secs. a, b (Men); 8:30 and 12:00

Secs. c, d (Women); 8:30 and 12:00

MR. BABCOCK AND MR. BUCHANAN

2. Elementary French.—(Continued).

Summer Quarter; 9:00

DR. NEFF

Autumn Quarter; 9:30

MR. BUCHANAN

Winter Quarter—

Secs. a, b (Men); 8:30 and 11:00

Secs. c, d (Women); 8:30 and 11:00

ASSISTANT PROFESSOR WALLACE

MR. BUCHANAN

MR. WILLIAMSON

Spring Quarter—

Secs. a, b (Men); 8:30 and 12:00

Secs. c, d (Women); 8:30 and 12:00

MR. BUCHANAN AND MR. —

3. Intermediate French.—Grammar, composition, and reading. Texts for the year 1906-7 will be selected from the following list: *Le Voyage de Monsieur Perrichon*; *La Poudre aux yeux*; *Mon Oncle et mon Curé*; *Les Contes Fantastiques*; *Colomba*; *Sans Famille*; *Le Crime*

- de Sylvestre Bonnard; Le Pays de France* (Foncin); *Le Tour de la France* (Bruno).
Mj. Every Quarter
Dr. NEFF
Summer Quarter; 10:30
Autumn Quarter—
Sec. a (Men); 9:30 MR. WILLIAMSON
Sec. b (Women); 9:30 DR. NEFF
Winter Quarter; 9:30 MR. BABCOCK
Spring Quarter—
Sec. a (Men); 8:30 MR. WILLIAMSON
Sec. b (Women); 8:30
Sec. c; 11:00 MR. WILLIAMSON
4. **Advanced French.**—Idioms, synonyms, diction. Characteristic French prose and poetry form a basis for more advanced language study. Texts for 1906-7 will be selected from the following list: *Le Gendre de M. Poirier; Le Monde où l'on s'ennuie; Bataille des Dames; Un Beau Mariage; Lettres de mon Moulin; Le Petit Chose; Eugénie Grandet.*
Summer Quarter; 10:30
ASSISTANT PROFESSOR WALLACE
Autumn Quarter; 8:30 DR. NEFF
Winter Quarter; 9:30 MR. WILLIAMSON
Spring Quarter; 9:30 MR. WILLIAMSON
5. **Modern French Verse.**—A study of modern narrative and lyric poets. Mj. Every Quarter
Summer Quarter; 11:30
ASSISTANT PROFESSOR WALLACE
Autumn Quarter; 8:30 MR. WILLIAMSON
Winter Quarter; 12:00 MR. WILLIAMSON
Spring Quarter; 9:30 MR. BUCHANAN
6. **Modern French Prose.**—A study of French dramatic masterpieces and modern novels.
Mj. Every Quarter
Summer Quarter; 9:00 MR. DAVID
Autumn Quarter; 11:00 DR. NEFF
Winter Quarter; 11:00
ASSISTANT PROFESSOR WALLACE
Spring Quarter; 11:00 MR. BABCOCK
For the Senior Colleges (Prerequisite: 6 Majors)
7. **Introduction to French Literature.**—A general view of modern French literature. Representative works will be read, partly in class, partly as outside reading. Essay writing.
Mj. Autumn Quarter; 9:30
ASSISTANT PROFESSOR WALLACE
8. **Practice in Speaking and Writing French.**—A supplementary practical course. Oral and written reproduction of stories. Memorizing of prose and poetry. Dictation.
Mj. Autumn Quarter; 9:30
Mj. Winter Quarter; 9:30
Mj. Spring Quarter; 9:30
9. **Elementary Training Course in French.**—This course is recommended as a prerequisite to the teaching of elementary French. It offers a systematic survey of French syntax, a study of the essentials of pronunciation and versification, and an introduction to French pedagogical bibliography. Mj. Summer Quarter; 10:30
MR. DAVID
- I. **COURSES IN FRENCH LANGUAGE AND COMPOSITION**
For the Senior Colleges
10. **Cours de Style.**—Principes généraux, exercices pratiques de composition française.
Mj. Summer Quarter; 9:30
DR. DUBEDOUT
- II. **COURSES IN FRENCH LITERATURE**
For the Senior Colleges (Prerequisite: 6 Majors)
11. **Théâtre de Molière.**—La comédie aux temps de Molière. Etude des principales comédies et lecture rapide de quelques autres.
Mj. Winter Quarter; 9:30
ASSISTANT PROFESSOR WALLACE
12. **Ecrivains classiques du 17^e siècle.**—I, Corneille et Racine—chef-d'œuvres tragiques. II, Pascal, La Rochefoucauld, Bossuet, La Bruyère. On étudiera alternativement les deux groupes.
Mj. Summer Quarter; 11:30
DR. DUBEDOUT
13. **Ecrivains du 18^e siècle.**—Etude de Marivaux, Beaumarchais, Bernardin de St. Pierre, A. Chénier, Voltaire. Année 1907-8: Etude de Regnard, Le Sage, Voltaire, Rousseau. Mj.
DR. DUBEDOUT
[Not to be given in 1906-7]
14. **Ecrivains de l'Ecole Romantique.**—V. Hugo, Lamartine, Vigny, Musset, Alexandre Dumas, G. Sand, etc.—œuvres caractéristiques.
ASSISTANT PROFESSOR WALLACE
[Not to be given in 1906-7]
15. **Ecrivains Français depuis 1850.**—Critiques, poètes, romanciers—lectures choisies.
Mj. Autumn Quarter; 11:00
Mj. Spring Quarter; 11:00

16. Auteurs Contemporaires.—Lectures choisies.

Mj. Winter Quarter; 11:00

*Advanced Senior College Electives (Prerequisite: 9 Majors)*21. La Littérature Française au 17^e siècle.—Les moralistes: Pascal, La Rochefoucauld, La Bruyère. L'éloquence religieuse: Bossuet et Bourdaloue. Mj. Autumn Quarter; 11:00

DR. DUBEDOUT

22. La Littérature Française au 18^e siècle.—Evolution du roman: Le Sage, Prévost, J.-J. Rousseau, Bernardin de St. Pierre.

Mj. Summer Quarter; 10:30

Mj. Spring Quarter; 11:00

DR. DUBEDOUT

23. La Littérature Française au 19^e siècle.—Histoire de la critique: Mme de Staël, Chateaubriand, Villemain, Sainte-Beuve, Taine, etc.

DR. DUBEDOUT

[Not to be given in 1906-7]

30. Le seizième Siècle en France.—Origines du classicisme en France; langue et littérature.

ASSOCIATE PROFESSOR JENKINS

[Not to be given in 1906-7]

*For the Graduate School*25. Tragédie et Drame, I.—Histoire critique des théories dramatiques depuis le XVII^e siècle jusqu'à nos jours. Recherches à faire sur quelques points spéciaux sous la direction et avec le concours du professeur.

Mj. Autumn Quarter; 2:00

DR. DUBEDOUT

26. Tragédie et Drame, II.—Le cours précédent sera continué. Mj. Spring Quarter; 2:00

DR. DUBEDOUT

III. COURSES IN PHONETICS, VERSIFICATION, AND THE HISTORY OF THE FRENCH LANGUAGE

For the Senior Colleges (Prerequisite: 9 Majors)

31. French Phonetics and Prosody.—(a) An acquaintance with the elements of phonetics is considered essential to a correct understanding of the French sounds, and a great help in teaching French pronunciation. The works of Viëtor, Passy, Rousselot, etc. (b) The structure of Romance poetry; the points of contact of Romance and English metrics. Mj. Winter Quarter; 8:30

ASSOCIATE PROFESSOR JENKINS

33. History of the French Language.—A descriptive course on the origin and general history of

standard French, intended also as an introduction to the methods used in historical grammar. Nyrop, *Grammaire historique*, I (2^eme éd.).

Mj. Autumn Quarter; 8:30

ASSOCIATE PROFESSOR JENKINS

*For the Graduate School*41. Old French: Elementary Course.—Grammar and reading. Constans, *Chrestomathie de l'ancien français*, 3^eme éd., 1906.

Mj. Summer Quarter; 10:30

DR. —

Mj. Autumn Quarter; 9:30

ASSOCIATE PROFESSOR JENKINS

43, 44. Historical French Grammar, I and II.—Nyrop. *Grammaire historique*, Tomes I (2^eme éd.) et II. Darmesteter, *Grammaire historique*, 4^eme partie. A reading knowledge of Old French (see Course 41) is prerequisite.

ASSOCIATE PROFESSOR JENKINS

[Not to be given in 1906-7.]

46. Mediæval French Literature.—The literature of the period from Machault to Villon; the French pre-Renaissance. The *Manuals* of Paris and Heuckenkamp; Villon's poems, ed. von Wurzbach, Erlangen, 1903.

Mj. Winter Quarter; 9:30

ASSOCIATE PROFESSOR JENKINS

48. Old French Seminar.—The dialects prominent in the literature of the XIIth century; the origins of standard French, its dialectical basis and the causes of its predominance. Suchier, *Altfranzösische Grammatik*, I, 1893.

ASSOCIATE PROFESSOR JENKINS

[Not to be given in 1906-7.]

IV. COURSES IN ITALIAN AND SPANISH

*For the Senior Colleges*51. Elementary Italian.—Grandgent's *Grammar*, selected readings. Mj. Summer Quarter; 10:30

Mj. Autumn Quarter; 11:00

ASSISTANT PROFESSOR HOWLAND

54. Intermediate Italian.—Modern Novels and comedies. Mj. Winter Quarter; 11:00

ASSISTANT PROFESSOR HOWLAND

59. Dante.—*L'Inferno* (Scartazzini's edition). Primarily for graduates.

Mj. Summer Quarter; 11:30

ASSISTANT PROFESSOR HOWLAND

71. **Elementary Spanish.**—Giese, *A First Spanish Book and Reader*.
Mj. Summer Quarter; 2:30
ASSOCIATE PROFESSOR PIETSCH.
Mj. Autumn Quarter; 2:00
MR. BUCHANAN
74. **Intermediate Spanish.**—Advanced grammar and composition; reading of modern novels and dramas.
Mj. Winter Quarter; 2:00
ASSOCIATE PROFESSOR PIETSCH
79. **Spanish Classics.**—The life and works of Cervantes. Selected dramas of Lope de Vega and Calderon. These subjects are treated alternately. Primarily for Graduates.
Spring Quarter; 2:00
ASSOCIATE PROFESSOR PIETSCH
For the Graduate School
49. **Old Provençal.**—Old Provençal literature and its influence during the Middle Ages. Appel, *Provenzalische Chrestomathie* (Leipzig, 1902).
Mj. Winter Quarter; 3:00
ASSOCIATE PROFESSOR PIETSCH
61. **Old Italian Readings.**—Monaci, *Crestomazia italiana dei primi secoli*.
Mj. Autumn Quarter, 12:00
ASSISTANT PROFESSOR HOWLAND
63. **Historical Italian Grammar.**—Phonology and morphology, especially of the Tuscan dialects. Meyer-Lübke, *Grammatica storico-comparata della lingua italiana* (Torino, 1901).
Mj. Autumn Quarter; 2:00
ASSISTANT PROFESSOR HOWLAND
66. **History of Old Italian Literature.**—From the beginnings to Dante. Lectures. Bartoli, Gaspari, and other works of reference.
Mj. Winter Quarter; 12:00
ASSISTANT PROFESSOR HOWLAND
68. **Italian Seminar.**—Petrarca: the works in Latin and in Italian.
Mj
ASSISTANT PROFESSOR HOWLAND
[Not to be given in 1906-7]
81. **Old Spanish Readings.**—Interpretation of selections from Keller, *Altspanisches Lesebuch*. (Leipzig, 1890).
Mj. Summer Quarter; 3:00
ASSOCIATE PROFESSOR PIETSCH
83. **Historical Spanish Grammar.**—Sounds and Inflections. Lectures and practical exercises on Old Spanish Texts. R. Menéndez Pidal, *Manual elemental de Gramática histórica española*. (Madrid, 1905.)
Mj. Spring Quarter; 3:00
ASSOCIATE PROFESSOR PIETSCH
86. **History of Old Spanish Literature.**—A review of Spanish literature previous to the classic period. Fitzmaurice-Kelly, *Historia de la Literatura española* (Madrid).
ASSOCIATE PROFESSOR PIETSCH
[Not to be given in 1906-7]
88. **Spanish Seminar.**—Exercises, linguistic and literary, based on the *Libro de Buen Amor* of Juan Ruiz, Arcipreste de Hita, ed. Ducamin. Toulouse, 1901.
ASSOCIATE PROFESSOR PIETSCH
[Not to be given in 1906-7]

XIV. THE DEPARTMENT OF GERMANIC LANGUAGES AND LITERATURES

OFFICERS OF INSTRUCTION

STARR WILLARD CUTTING, Ph.D., *Professor and Head of the Department of Germanic Languages and Literatures.*

*CAMILLO VON KLENZE, Ph.D., *Associate Professor of German Literature.*

†HANS M. SCHMIDT-WARTENBERG, Ph.D., *Assistant Professor of Germanic Philology.*

PAUL OSKAR KERN, Ph.D., *Assistant Professor of Germanic Philology.*

FRANCIS ASBURY WOOD, Ph.D., *Assistant Professor of Germanic Philology.*

PHILIP SCHUYLER ALLEN, Ph.D., *Assistant Professor of German Literature.*

MARTIN SCHÜTZE, Ph.D., *Instructor in German Literature.*

ADOLF CHARLES VON NOÉ, Ph.D., *Instructor in German Literature.*

TORILD ARNOLDSON, A.B., *Instructor in German and Scandinavian Literatures.*

HENRIETTA KATHERINE BECKER, Ph.D., *Associate in German.*

JOHN JACOB MEYER, Ph.D., *Associate in German.*

CHARLES GOETTSCH, A.B., *Associate in German.*

HANS ERNST GRONOW, A.B., *Assistant in German.*

JOSEPH BEIFUS, A.B., *Assistant in German.*

FELLOWS, 1906-7

MILTON D. BAUMGARTNER, A.M.

JACOB HAROLD HEINZELMAN, A.B.

EDWARD JOHN WILLIAMSON, A.M.

INTRODUCTORY

For students who enter the University with no previous training in German, elementary and intermediate courses are offered, whose primary aim is to enable the student to read and to understand easily and accurately, without translation, German prose of ordinary difficulty. As a logical sequent of this initial instruction, advanced courses in language and literature are offered students who have taken these elementary and intermediate courses at the University of Chicago, or elsewhere. Prose composition, including translation into German of rather difficult English prose and construction of original German essays, is the prime feature of the advanced language work; in literature individual authors or periods of literary development become the subject of lectures, discussions, and themes. A strengthened grasp of the syntactic and stylistic resources of the language will be secured simultaneously with increased literary appreciation.

The German courses of the Junior College (six Majors), plus at least eight Senior College elective Majors, or an equivalent, are required for admission to the graduate work of the Department. Graduate students from other institutions, whose preliminary training in German has been deficient either in quantity or quality, may be required to supplement their previous work by Senior College electives before admission to the standing of Graduate students in the Department. One Senior College elective (Course 11) may be accredited to the Graduate student as resident work.

The aims of the graduate courses offered by the Department are as follows: (1) To acquaint the student already in possession of a practical grasp of the German language with the great movements of literary and linguistic development within the Teutonic field, outside of English. (2) To direct the efforts of students, who have already received the requisite preliminary training, in the investigation of special problems of phonetics, phonology, morphology, syntax, metrics, style, text criticism, and literary history, including especially literary origins and relationships.

Lectures and recitations are employed in the more general, and seminars in the more special and detailed features of the work. Still more personal direction is given by the instructor to the research student.

*Resigned.

†Absent on leave.

The Master's degree.—When Germanic Languages and Literatures are chosen, either as the *secondary subject*, or as one of three *co-ordinate subjects*, at least three elementary graduate Majors must be taken, including Gothic. The minimum requirements with Germanic Languages and Literatures as *principal subject* are seven graduate Majors, including Gothic, Old High German, History of the German Language, Outline Course in German Literature, and *Deutscher Satzbau und Stil*, plus a satisfactory thesis upon a subject approved by the Head of the Department and presented by the candidate at least two months before the Convocation at which the degree may be conferred.

The Doctor's degree.—The requirements are: (1) A thorough command of oral and written modern German. (2) Acquaintance with the general history of German literature (e. g., Course 141). (3) Acquaintance with the general development of the German language (e. g., Courses 103, 104, 105, 107). (4) More intimate knowledge of the history of the language or of the literature, according to the prevailing trend of the student's special work. (5) Minute acquaintance of the period within which the materials of the student's dissertation lie. (6) A satisfactory dissertation upon a subject approved by the Head of the Department, and presented by the candidate at least four months before the Convocation at which the degree may be conferred. (7) A satisfactory examination.

Since the Department expects primarily in the candidate some capacity for independent thinking, and for the successful investigation of hitherto unsolved linguistic or literary problems, and since it never recommends conferring the degree for the mere faithful and accurate performance of a prescribed amount of work, no estimate of the maximum time required to prepare for the examination can be given. Three years are the usual minimum.

Fellowships are assigned in accordance with the general regulations of the University. Circulars relating to this subject will be sent on application.

A Senior College Scholarship in German is annually awarded in June to a student who has received the Junior College certificate within the year then ending (October to July). The award is based upon: (a) the completion of the required Junior College German, including Courses XIV, 4, 5, 6, with grade not lower than B; and (b) a written and oral examination, to be conducted in German, on some work to be announced each year by this Department. This work is for the year 1906-7 Franz Grillparzer's *Der arme Spielmann* (D. C. Heath & Co.). Candidates will consult the Departmental Examiner concerning such examinations.

A Graduate Scholarship in German is annually awarded in June to a student who has received the Bachelor's degree within the year then ending (October to July). This award is based: (a) upon the completion of at least eight Senior College Majors, including Course XIV, 11; and (b) a written and oral examination to be conducted in German, on some theme to be announced each year by the Department. The theme for the year 1906-7 will be "Die musikalischen Elemente der Heineschen Lyrik." Candidates will consult the Departmental Examiner concerning such examinations.

The Conrad Seipp Memorial Prizes, founded by Mrs. Catherine Seipp.—Three prizes of \$3,000, \$2,000, and \$1,000 respectively are offered in a competition open to all, save the German Consul at Chicago, the German Consul-General in New York, and the Judges of Prizes, for the three best Monographs upon the subject: "The German Element in the United States, with Especial Reference to its Political, Moral, Social, and Educational Influence." Circulars containing particulars sent on application.

Library.—Through the generosity of Mr. Julius Rosenwald the Department has been able to purchase the library of the late Professor Michael Bernays, embracing about nine thousand volumes. Texts of the eighteenth-century classics in Germany, of the German Romanticists, and of later nineteenth-century writers are the basis of the collection. It also contains a large number of investigations in German literature of the eighteenth and nineteenth centuries. The whole is supplemented by numerous texts of the French classics of the eighteenth century and of mediæval Italian poets. Mr. Paul O. Stensland has generously given the University a valuable collection of about twelve hundred texts and investigations for work in Scandinavian languages and literatures. These recent additions increase the size of the Germanic library to a total of about seventeen thousand volumes. This collection and the libraries of the English and Romance departments are in adjoining rooms and are administered as one. The libraries of other departments as of History, Philosophy, the Classical Languages and Literatures, and also the Newberry Library, the Crerar Library, and the Public Library of the City of Chicago supplement for the student the value of the Germanic library.

A series of literary and linguistic studies by instructors and students of the Department will appear at irregular intervals through the University Press.

Three numbers of this series, (1) *Der Konjunktiv bei Hartmann von Aue*, by PROFESSOR CUTTING, (2) *Verner's Law in Gothic and The Reduplicating Verbs in Germanic*, by ASSISTANT PROFESSOR FRANCIS ASBURY WOOD, and (3) *Inedita des Heinrich Kaufinger*, by ASSISTANT PROFESSOR H. SCHMIDT-WARTENBERG, have already been published. Volume VII of the Decennial Publications of the University, published in the summer of 1903, contains the following papers by members of the Department: *The Treatment of Nature in the Works of Nicolaus Lenau: An Essay in Interpretation*, by ASSOCIATE PROFESSOR VON KLENZE (pp. 27-100); *Concerning the Modern German Relatives "Das" and "Was" in Clauses Dependent upon Substantivized Adjectives*, by PROFESSOR CUTTING (pp. 111-31); *Studies in Popular Poetry*, by ASSISTANT PROFESSOR ALLEN (pp. 133-55).

The Germanic Club, including candidates for advanced degrees, other advanced students, and all instructors of the Department, meets twice each Quarter for the reading and discussion of journal reports, reviews, and original papers upon subjects in language and literature within the scope of the regular work of the members.

The German Conversation Club is an organization of Undergraduate and Graduate students under the leadership of a member of the Germanic Department. Its purpose is to arouse and sustain interest in the German language as a vehicle of oral expression. Membership, open to those who have already made some progress in the language, while it entitles the student to no extra academic credit, is prized as a privilege that supplements the regular class work in the direction of greatly increased *Sprachfertigkeit* and *Sprachgefühl*.

COURSES OF INSTRUCTION

I. JUNIOR COLLEGE COURSES

1. **Elementary Course in German.**—The two Majors of Courses 1 and 2 are to be taken in successive quarters.

1. Mj. Every Quarter

Summer Quarter—

Sec. a, 8:30

MR. GRONOW

Sec. b, 8:30

MR. GOETTSCH

Autumn Quarter—

Sec. a, 8:30

DR. VON NOÉ

Sec. b, 8:30

DR. MEYER

Sec. c, 8:30

MR. BEIFUS

Sec. d, 8:30

MR. GRONOW

Winter Quarter—

Sec. a, 8:30

MR. GRONOW

Sec. b, 8:30

DR. VON NOÉ

Spring Quarter; 8:30

PROFESSOR CUTTING

2. Mj. Every Quarter

Summer Quarter; 9:30

MR. GOETTSCH

Autumn Quarter—

Sec. a, 8:30

MR. GOETTSCH

Sec. b, 9:30

MR. BEIFUS

Winter Quarter—

Sec. a, 9:30

MR. GRONOW

Sec. b, 8:30

DR. MEYER

Sec. c, 8:30

MR. GOETTSCH

Spring Quarter; 9:30

DR. VON NOÉ

3. **Intermediate German.**—This is a continuation of Course 2, devoted to inductive reading of modern prose. Mj. Every Quarter; 9:30

Summer Quarter First Term, MR. BEIFUS

Second Term, MR. ARNOLDSON

Autumn Quarter

MR. GOETTSCH

Winter Quarter

MR. GOETTSCH

Spring Quarter

DR. MEYER

4. **Elementary German Composition.**—The essential feature of the student's work in this course is the oral and written reproduction of easy prose, with variations along a widening range of syntax and idiom. (*Freie Reproduktion.*)

Mj. Every Quarter; 9:30

Summer Quarter

MR. GRONOW

Autumn Quarter

Sec. a

DR. VON NOÉ

Sec. b

DR. MEYER

Winter Quarter, Sec. a

PROFESSOR CUTTING

Sec. b

MR. BEIFUS

Spring Quarter

MR. BEIFUS

5. **Modern Prose Readings.**—The special purpose of this course is to afford, through the study of moderately difficult interesting prose, systematic drill in word-composition, word-derivation, the relationship of English and German words, and the principles of elementary syntax.

Mj. Every Quarter; 11:00

Summer Quarter

MR. GOETTSCH

Autumn Quarter

MR. BEIFUS

Winter Quarter

MR. VON NOÉ

Spring Quarter

DR. MEYER

6. **German Comedies.**—Reading and discussion of

selected modern comedies introduces the student to an attractive form of German literature, and imparts to him an appreciation and control of a wealth of German idiom in common use.

Mj. Every Quarter; 11:00
 Summer Quarter First Term, MR. BEIFUS
 Second Term, MR. ARNOLDSON
 Autumn Quarter MR. GRONOW
 Winter Quarter
 Spring Quarter ASSISTANT PROFESSOR KERN
 MR. BEIFUS

II. SENIOR COLLEGE COURSES

GROUP A. RHETORIC

11. *Aufsätze und Stilübungen*.—Oral and written criticism of brief daily themes upon subjects suggested by the instructor. *Freie Reproduktion*. Discussion of German synonyms, the more difficult principles of syntax, and the elements of style. Open to Graduate students upon consultation with the instructor.

Mj. Summer Quarter; 11:00
 Mj. Autumn Quarter; 9:30
 ASSISTANT PROFESSOR KERN

GROUP B. COURSES IN LITERATURE

(a) Lower Senior

- 21, 22. Introduction to the Study of German Literature.—Informal talks in German about the main movements and products of the national literature, supplemented by assigned readings and quizzes.

2Mj. Winter Quarter; 8:30
 Spring Quarter; 11:00
 DR. MEYER

23. Glimpses of German Life and Culture.—Talks in German on the Germany of today considered from the geographical, historical, literary, and cultural point of view. Based on Paszkowski's *Lesebuch zur Einführung in die Kenntnis Deutschlands*.

PROFESSOR CUTTING
 [Not to be given in 1906-7]

24. Schiller's Life and Works.—Lectures. Thomas's *Schiller's Life and Works* and Kühnemann's *Schiller*. Mj. Autumn Quarter; 8:30
 PROFESSOR CUTTING

26. German Poets of Patriotism During the War of Liberation.—A discussion of the German people's share in the downfall of Napoleon, of the aims and hopes of the intelligent classes, of the enthusiasm of the student volunteers, and of the

expression of these elements in contemporary song.

PROFESSOR CUTTING
 [Not to be given in 1906-7]

27. Goethe's "Hermann und Dorothea" and Schiller's Ballads. The reading of these pieces will be supplemented by some study and discussion of Goethe's other epical writings and ballads.

Mj. Winter Quarter; 9:30
 ASSISTANT PROFESSOR ALLEN

28. Schiller's Later Dramas.—A consideration of the plots and characters of *Maria Stuart*, *Die Braut von Messina*, and *Wilhelm Tell*.

PROFESSOR CUTTING
 [Not to be given in 1906-7]

30. Kleist and Grillparzer.—A reading course in the dramatic writings of these two great post-classical German dramatists.

ASSISTANT PROFESSOR ALLEN
 [Not to be given in 1906-7]

31. Goethe's "Goetz" and "Egmont."—Studied as the dramatic expression of the poet's period of storm and stress.

DR. VON NOÉ
 [Not to be given in 1906-7]

32. Goethe's "Iphigenie" and "Tasso."—Studied as the dramatic expression of the poet's classical period.

PROFESSOR CUTTING.

33. Lessing's Dramas.—The reading and interpretation of *Minna von Barnhelm*, with informal talks in German upon the relation of the play to the author's dramatic theory.

M. First Term, Summer Quarter; 8:30
 PROFESSOR CUTTING

(b) Upper Senior

41. Goethe's Life and Works.—A discussion of the principal phases and general cultural significance of Goethe's activity. Lectures, assigned reading, and reports.

Winter Quarter; 9:30
 DR. SCHÜTZE

42. Heine's Prose and Poetry.—Reading of the *Reisebilder* and the *Buch der Lieder* will be accompanied by investigation of the poet's sources and literary technique.

Mj. Autumn Quarter; 9:30
 ASSISTANT PROFESSOR ALLEN

43. German Short-Story.—A study of its origin and its development in the nineteenth century.

(Kleist, Eichendorff, Hoffmann, Riehl, Storm, C. F. Meyer, Keller, Fontane, Wildenbruch.)

DR. VON NOÉ

[Not to be given in 1906-7]

45. **German Lyrical Poetry.**—Selected poems will be read in class and discussed with reference to the relations between the general cultural development and the lyrical poetry of Germany; to the personalities of individual poets, and to the development of lyrical forms. Lectures and reports. Mj. Autumn Quarter; 9:30

DR. SCHÜTZE

46. **Lessing's Later Dramas.**—A presentation of the salient features of Lessing's dramatic theory, in connection with the study of the plots and characters of *Minna von Barnhelm*, *Emilia Galotti*, and *Nathan der Weise*.

PROFESSOR CUTTING

[Not to be given in 1906-7]

47. **Goethe's Dramas.**—A study of the development of Goethe as a dramatist. DR. SCHÜTZE

[Not to be given in 1906-7]

48. **Goethe's Storm and Stress Period.**—The political, social, educational, and literary protest against tradition, precedent, and the existing state of things, characteristic of the last third of the eighteenth century in Germany, with Goethe's share in the movement as revealed in his writings.

PROFESSOR CUTTING

[Not to be given in 1906-7]

49. **Goethe's Period of Classical Sympathies.**—The influence upon Goethe of surroundings, occupation, and friendship, in the direction of simplicity, regularity, and repose, studied in connection with *Iphigenie*, *Tasso*, and *Hermann und Dorothea*.

PROFESSOR CUTTING

[Not to be given in 1906-7]

50. **Schiller's Early Dramas.**—A consideration of Schiller's dramatic expression of the storm and stress spirit in his plays *Die Räuber*, *Fiesko*, and *Kabale und Liebe*.

PROFESSOR CUTTING

[Not to be given in 1906-7]

52. **Schiller's "Wallenstein."**—Discussion of the causes, course, and effects upon Europe, of the Thirty Years' War, of the political and social background of the picture presented in this dramatic trilogy, and of the real Wallenstein as compared with Schiller's idealized hero, accompanies the reading of the text.

ASSISTANT PROFESSOR KERN

[Not to be given in 1905-6]

53. **Grillparzer's Dramas.**—A careful study of these dramas as examples of literary art, and as organic expressions of Grillparzer's development and of the important factors in the culture of his time. Mj. Spring Quarter; 11:00

[Not to be given in 1906-7]

DR. SCHÜTZE

54. **Contemporary German Dramas.**—Interpretative readings of representative modern dramas. Mj

DR. SCHÜTZE

[Not to be given in 1905-6]

GROUP C. COURSES FOR TEACHERS

Upper Senior and Graduate

60. **The Classical Period of German Literature.**—Lessing, Wieland, Herder, Goethe, Schiller. A discussion of their principal works with reference to methods of teaching German literature. Open to Graduate students.

Mj. Spring Quarter; 9:30

DR. VON NOÉ

(See announcements of the School of Education)

81. **History of the German Language.**—There is a growing conviction that a knowledge, however elementary, of the historic development of German is a necessity for the intelligent teaching of the spoken idiom. The course is arranged with regard to the special needs of the teacher in the classroom. The lectures will be based upon Behaghel's *Deutsche Sprache*, with frequent reference to the best known school grammars. An acquaintance with the older periods of German, though desirable, is not required. Open to Graduate students.

Mj. Winter Quarter; 9:30

ASSISTANT PROFESSOR KERN

(See announcements of the School of Education)

The attention of students in Germanics is especially called to Course XIII, 31, French Phonetics and Versification.

III. GRADUATE COURSES

GROUP A. COURSES FOR TEACHERS

100. **The Teaching of Modern Languages** (A Study of Methods).—Lectures on the most important methods of modern language instruction. Pedagogic treatment of the main difficulties of pronunciation, grammar, and vocabulary. Selection and criticism of textbooks. Discussions on sight-reading, essay-writing, and kindred topics. Occasional opportunity for practice teaching. Textbooks: Bahlisen, *The Teaching of Modern Languages*, Ginn & Co.; Brebner, *The Method of Teaching Modern Languages in Germany*,

London, 1904; *Methods of Teaching Modern Languages*, D. C. Heath & Co., 1898.

This course will be given in English; a reading knowledge of German and French is, however, indispensable.

Mj. Autumn Quarter; 9:30
ASSISTANT PROFESSOR KERN

101. *Deutscher Satzbau und Stil*.—A sequent of Course 11. The aim of the work is to develop an instinct for idiom and an active sense of the niceties of style, by discussing, varying, and independently reproducing passages from great stylists of the nineteenth century. Open to Senior College students who have taken Course 11.

Mj. Spring Quarter; 9:30
ASSISTANT PROFESSOR KERN

GROUP B. COURSES IN LINGUISTICS

103. *Gothic*.—A consideration of Gothic phonology, morphology, and syntax in connection with the reading of selections from the Bible translation of Ulfila.

Mj. Summer Quarter; 1:30
Autumn Quarter; 2:00
ASSISTANT PROFESSOR WOOD

104. *Old High German*.—The reading of selections from Braune's *Althochdeutsches Lesebuch*, with reference to the same author's *Althochdeutsche Grammatik*. This course is a natural sequent of Course 103.

Mj. Winter Quarter; 2:00
ASSISTANT PROFESSOR WOOD

105. *Middle High German*.—An introductory course that includes discipline in phonology, morphology, and syntax, derived from the critical reading of Hartmann von Aue, *Der arme Heinrich* (ed. Wackernagel-Toischer). Incidental practice in German prose composition is afforded by translation of the mediæval into the modern idiom.

ASSISTANT PROFESSOR KERN
[Not to be given in 1906-7]

106. *Early New High German*.—After a rapid survey of the Middle High German grammar, the forms of the transition period will be studied with the help of some text of the period of the Reformation.

Mj. Spring Quarter; 11:00
ASSISTANT PROFESSOR KERN

107. *Geschichte der deutschen Sprache*.—Vorlesungen im Anschluss an Behaghel's Artikel in Paul's *Grundriss*, I, pp. 526-633. Eine zusammenhängende Entwicklungsgeschichte der hochdeutschen Schriftsprache.

Kenntnis des Gotischen, Althochdeutschen und Mittelhochdeutschen wird vorausgesetzt.

ASSISTANT PROFESSOR KERN
[Not to be given in 1906-7]

108. *Introduction to Germanic Philology*.—A knowledge of at least one Germanic dialect is a prerequisite.

ASSISTANT PROFESSOR WOOD
[Not to be given in 1906-7]

109. *Old Saxon*.—The work will be based on Holthausen's *Altsächsisches Elementarbuch*. Equally valuable for the student of English and of German.

ASSISTANT PROFESSOR WOOD
[Not to be given in 1906-7]

110. *Middle Low German*.—The work will be based on Lübbers's *Mittelniederdeutsche Grammatik*.

ASSISTANT PROFESSOR WOOD
[Not to be given in 1906-7]

111. *Middle Low Franconian*.—The work will be based on Martin's *Reinaert*.

ASSISTANT PROFESSOR WOOD
[Not to be given in 1906-7]

112. *Old Norse*.—The work will be based on B. Kahle, *Altisländisches Elementarbuch*. A knowledge of Gothic is desirable.

Mj. Summer Quarter; 9:00
ASSISTANT PROFESSOR WOOD

Seminars

251. *Problems in Germanic Philology*.—With a Gothic text for a basis, this course aims to show the relation between Germanic and the other Indo-European languages, and the interrelation of the Germanic languages. Problems in phonology, morphology, and semantics will be studied.

Mj. Winter Quarter; 3:00
[Four hours weekly]

ASSISTANT PROFESSOR WOOD

252. *Investigations in Old High German Dialects*.—A careful study of specimens of the principal Old High German Dialects with reference to their relation to Germanic and to one another.

Mj. Autumn Quarter; 3:00
[Four hours weekly]

ASSISTANT PROFESSOR WOOD

GROUP C. COURSES IN LITERATURE

141. *History of German Literature to the End of the Seventeenth Century*.—Lectures. Scherer, *Geschichte der deutschen Litteratur* and Francke, *History of German Literature as Determined by Social Forces*. The course will

acquaint the student with the most important movements in the evolution of German literary life.

Mj. Autumn Quarter; 11:00
ASSISTANT PROFESSOR ALLEN

142. *History of German Literature in the Eighteenth and Nineteenth Centuries.*—Lectures. Identical in aim and method with Course 141 of which it is a natural sequent. This course is open, however, to students who have not taken the former one.

Mj. Winter Quarter; 11:00
ASSISTANT PROFESSOR ALLEN

145. *Germanische Mythologie.*—Vorlesungen mit Zugrundelegung von Mogk's Artikel in Paul's *Grundriss*.

Mj. Autumn Quarter; 2:00
PROFESSOR CUTTING

150. *Geschichte der Mittelhochdeutschen Litteratur.* Vorlesungen mit Übungen.

Mj. Spring Quarter; 2:00
PROFESSOR CUTTING

[Not to be given in 1906-7]

151. *The Nibelungenlied.*—A critical study of its legendary and mythological background, of its composition, and of its language. Some knowledge of Middle High German is a prerequisite for the course.

PROFESSOR CUTTING
[Not to be given in 1906-7]

152. *The German Epic.*—A survey of Early Germanic balladry will be followed by the reading and study of selected passages from the mediæval courtly and popular epics. Papers will be prepared by members of the class.

Mj. Summer Quarter; 4:30
ASSISTANT PROFESSOR ALLEN

154. *Walther von der Vogelweide.*—Vorlesungen über sein Leben und seine Werke unter Berücksichtigung seiner Beziehungen zu früheren und späteren Dichtern.

Mj. Spring Quarter; 2:00
PROFESSOR CUTTING

160. *Deutsche Kulturgeschichte vom Jahre 1200 bis zum Jahre 1550.*—Lectures upon the great cultural movements of this period within the bounds of the old German Empire.

PROFESSOR CUTTING
[Not to be given in 1906-7]

- 163A. *The Older German Volkslied.*—A history of German popular song from the earliest times to the end of the sixteenth century. Character and origin of the *Volkslied*. Consideration of

its importance in the history of German life, art, and literature.

ASSISTANT PROFESSOR ALLEN
[Not to be given in 1906-7]

- 163B. *Renascence of the German Volkslied in the Eighteenth and Nineteenth Centuries.*—Its influence upon the poetical writings of Goethe, the Romantic School, and the Swabian School. A contribution to the development of the modern German lyric and ballad.

ASSISTANT PROFESSOR ALLEN
[Not to be given in 1906-7]

- Schiller's Earlier and Later Theory of the Drama.*—A discussion of the ripening views of the dramatist in the light of his earlier and later theory and practice.

M. First Term, Summer Quarter; 9:00
PROFESSOR CUTTING

177. *Herder and the "Storm and Stress" Movement.*—Herder's work is to the study of cultural history in Germany what Darwin's is to that of modern natural science. A thorough study of any of the subsequent movements in German literature, especially of the Classical era and the Romantic School, leads inevitably back to his evolutionary theory, and inquiry into this theory as expressed in his works and reflected, in its most uncompromising applications, in the works of the "Storm and Stress" movement, is fundamental to the understanding of modern German literature.

Winter Quarter; 11:00
DR. SCHÜTZER

181. *Relations between Literature and Philosophy, from the Death of Lessing to 1848.*—The Classical era of German literature, and the Romantic movements in Germany, England, and France cannot be understood without a study of the principal tendencies in contemporaneous philosophic thought. It is to fill the gap between technical courses in Philosophy of this period on the one hand, and purely literary courses on the other, that this course is offered.

Lectures in English, assigned reading, and reports.

Autumn Quarter; 11:00
DR. SCHÜTZER

182. *Bibliographische Übungen in neuerer deutscher Litteratur.*—Open to advanced Seniors and to Graduate students.

M
Winter Quarter; Tuesday and Thursday, 4:00-5:00
DR. VON NOE

204. *History of the German Novel.*—A survey in outline of the development of German prose fiction from mediæval times to Goethe will precede an intensive study of the trend of the novel from *Werther* to the present.

Mj. Spring Quarter; 4:00
ASSISTANT PROFESSOR ALLEN

205. *Das deutsche Drama von den ersten Anfängen bis zum Jahre 1550.*

Mj. Winter Quarter; 2:00
PROFESSOR CUTTING

[Not to be given in 1906-7]

206. *History of the German Drama in the Seventeenth and Eighteenth Centuries.*—A study of French pseudo-classical influences in Germany, and of the growth of the national drama of the eighteenth century.

PROFESSOR CUTTING

[Not to be given in 1906-7]

208. *History of the Drama in the Nineteenth Century, under the Influence of Romanticism: Kleist, Hebbel, Grillparzer, Otto Ludwig, Wagner.*

DR. SCHÜTZE

[Not to be given in 1906-7]

210. *The Modern German Drama.*—The evolution of sociological and artistic tendencies in the modern drama beginning with Ibsen.

DR. SCHÜTZE

[Not to be given in 1906-7]

Seminars

261. *Lyric Origins in Germany.*—A comparison of the theories of extraneous origin for Minnesang, together with an investigation of early German folk-poetry and of the lyrics in the *Carmina Burana*. A knowledge of Latin and French, while highly desirable, is not a prerequisite of this course.

Mj. Spring Quarter; Wednesdays, 2:00-4:00
ASSISTANT PROFESSOR ALLEN

262. *Das englische Drama in Deutschland im 16. und 17. Jahrhundert.*—Ein vergleichendes Studium der englischen und der deutschen Bühne unter Berücksichtigung der englischen Komödianten und ihrer Nachfolger.

Mj. Winter Quarter; Wednesdays, 2:00-4:00
PROFESSOR CUTTING

263. *Lessing's Theory of the Drama.*—An examination of Lessing's writings for evidence as to his

earlier and later views on plot, motivation, characters, tragedy, comedy, etc. Hours to be arranged.

PROFESSOR CUTTING

[Not to be given in 1906-7]

264. *Goethe's Faust, I and II.*—Problems connected with the genesis and interpretation of the poem.

PROFESSOR CUTTING

[Not to be given in 1906-7]

266. *Heine and Uhland.*—A study of the Romantic Lyric as exemplified in Wilhelm Müller and Eichendorff will precede an investigation of the sources and literary technique of the poems of Heine and Uhland.

Mj. Summer Quarter; Wednesday, 2:30-4:00
ASSISTANT PROFESSOR ALLEN

Attention is called to the following related courses in other Departments, especially valuable to students of Germanic Philology.

- X, 1. *General introduction to the Study of Indo-European Philology.* Mj. Autumn Quarter; 11:00
PROFESSOR BUCK

- XV, 21, 22. *Old English (Elementary Course).*

2Mj. Autumn and Winter Quarters; 12:00
MR. ROYSTER

- XV, 23. *Old English: Poetry.*

Mj. Spring Quarter; 2:00
ASSOCIATE PROFESSOR BLACKBURN

- XV, 24. *Old English (Advanced Course).*

Mj. Autumn Quarter; 2:00
ASSOCIATE PROFESSOR BLACKBURN

- XV, 28. *Chaucer: The Canterbury Tales.*

Mj. Autumn Quarter; 2:00
PROFESSOR MANLY

- XV, 31. *Introduction to the Science of Language.*

Mj. Autumn Quarter; 3:00
PROFESSOR MANLY

- XV, 83A, B. *The Mediæval Drama.*

2Mj
Winter Quarter; 3:00
Spring Quarter; 11:00
PROFESSOR MANLY

- XV, 84. *The Drama in England from 1500 to 1600.*

Mj. Winter Quarter; 2:00
ASSISTANT PROFESSOR TOLMAN

XV. THE DEPARTMENT OF ENGLISH

OFFICERS OF INSTRUCTION

JOHN MATTHEWS MANLY, PH.D., *Professor and Head of the Department of English.*
 WILLIAM CLEAVER WILKINSON, D.D., *Professor (Emeritus) of Poetry and Criticism.*
 WILLIAM DARNALL MACCLINTOCK, A.M., *Professor of English.*
 ROBERT HERRICK, A.B., *Professor of English.*
 FRANCIS ADELBERT BLACKBURN, PH.D., *Associate Professor of English.*
 MYRA REYNOLDS, PH.D., *Associate Professor of English.*
 FREDERIC IVES CARPENTER, PH.D., *Associate Professor of English.*
 ROBERT MORSS LOVETT, A.B., *Associate Professor of English.*
 ALBERT HARRIS TOLMAN, PH.D., *Assistant Professor of English.*
 *WILLIAM VAUGHN MOODY, A.M., *Assistant Professor of English.*
 JAMES WEBER LINN, A.B., *Instructor in English.*
 PERCY HOLMES BOYNTON, A.M., *Instructor in English.*
 HENRY PORTER CHANDLER, A.B., *Instructor in English.*
 †NOTT WILLIAM FLINT, A.B., *Instructor in English.*
 EDITH FOSTER FLINT, PH.B., *Instructor in English.*
 JAMES FINCH ROYSTER, A.B., *Associate in English.*
 ‡CHARLES ANDREWS HUSTON, A.B., *Associate in English.*
 DAVID ALLAN ROBERTSON, A.B., *Associate in English.*
 ALBERT ELLSWORTH HILL, A.B., *Assistant in English.*

ROBERT ELKIN NEIL DODGE, A.M., *Assistant Professor of English, University of Wisconsin*
 (Summer Quarter, 1906).

HARDIN CRAIG, PH.D., *Preceptor in English, Princeton University* (Summer Quarter, 1906).

FELLOWS, 1906-7

MARGARET DAVIDSON, PH.B.
 HERBERT WYNFORD HILL, PH.M.

THOMAS ALBERT KNOTT, A.B.
 MATTHEW LYLE SPENCER, A.M.

INTRODUCTORY

The required courses are : (a) For Junior College Students in the Colleges of Arts, and of Commerce and Politics, Courses 1 and 3; (b) for Junior College students in the Colleges of Literature and Science, Courses 1, 3, and 10. All other courses are elective.

Students in the Junior Colleges have the following opportunities of election : (a) Course 41 is open to students who have passed English 40. (b) Course 9 may, with the consent of the instructor, be taken as a substitute for Course 3. (c) Courses 28, 42-48 are open to those who have passed Courses 1, 3, and 40.

Students in the Senior Colleges have the following opportunities of election: (a) Courses 4, 21, 28, 42-48, 67, 68, 79, 80, 85, 86, 87, 102A, 105, 130, are open to all. (b) Courses 91, 102, 103, are open to those who have passed three of the six historical courses (42-48). (c) Course 5 is open to those who have passed Courses 1, 3, and 4 with high credit.

Graduate students who did not as undergraduates devote especial attention to English should select their work at first from the courses intended primarily for Senior College students. Some familiarity with English studies and some experience in work is presupposed in the courses intended primarily for Graduate students. The following courses, though intended primarily for undergraduates, may be taken by Graduate students and will be credited toward the higher degrees: 5, 6, 7, 21, 22, 23, 31, 42, 43, 44, 46, 47, 48, 72, 85, 86, 87A,B, 88, 90, 130, 160. The following courses are intended primarily for Graduate students and are open to all who are properly equipped for them in knowledge and experience in study: 23, 24, 25, 26, 27, 27B, 29A,B, 30, 33, 34, 35A,B,C, 36, 37A,B, 50, 51, 52, 54, 57, 58, 59, 62, 69, 70A,B, 73, 75, 76, 77, 80, 82, 83A,B, 84, 89, 91, 102, 103, 150, 161.

*Absent on leave.

†Deceased.

‡Resigned.

Fellowships and Scholarships.—The Department is allowed each year to recommend especially promising students for appointment to Fellowships and Scholarships. In 1906-7 three Fellows have been appointed. The Fellowships are of the value of \$520 each, the scholarships of \$120. Applications for 1907-8 should be addressed to the President of the University before March 1, 1907. In assigning the fellowships preference will be given to persons who have devoted at least one year to graduate study in English and who submit papers indicating capacity for serious work. Scholarships may be assigned to recent graduates from college who have distinguished themselves in their work as well as to graduates of longer standing.

The Master's degree.—No student will be admitted to candidacy for the Master's degree in English who has not the equivalent of the required courses in English and four of Courses 42-48. The Master's degree may be obtained in two ways: (a) As representing a continuation of the College course. In this case the student must present three graduate courses in each of three Departments and pass a satisfactory examination upon these courses. (b) As representing a certain amount of specialization. In this case the student must present seven graduate courses in one Department, accompanied by a satisfactory thesis upon some special topic, approved by the Head of the Department, and must pass an examination upon the thesis and the courses presented. Students in the Department of English desiring the degree upon either plan must submit to the Head of the Department reports from their instructors; otherwise they cannot be recommended for enrolment as candidates. The thesis must be presented to the Head of the Department eight weeks before the Convocation at which the candidate desires to receive the degree.

The Doctor's degree.—All candidates for the Doctor's degree in English, whatever may be their special field of work, must have a good knowledge of the general history of English Literature and a fair equipment in Old and Middle English. The minimum requirement in the former may be roughly indicated as represented by Courses 36, 42, 43, 44, 46, 47, 48, 51, 70, 71, 150, 160; this minimum is permitted only to those whose special interest is in linguistic study and who consequently take as their secondary subject either Germanic or Romance Philology; such students will of course take special linguistic courses in English. The minimum requirement in linguistic work for students whose special interest lies in the study of literature and literary history may be roughly indicated as given in Courses 21, 22, 23, 26, 27, 28, 31, 34. Students in this group are strongly advised to choose their secondary subject with immediate reference to its usefulness in the field to which they intend to devote special attention. Of prime importance to those who aim at a broad and enlightened knowledge of English literature in its greatest manifestations is a knowledge of the Greek, the Latin, the French, the Italian, and the German literatures. The relative importance of these varies in accordance with the field of English Literature chosen for special study; but it is believed that a sound knowledge of English Literature and a just appreciation of its phenomena is impossible without a considerable acquaintance with at least one of the great literatures of the civilized world and without some knowledge of the currents of foreign thought which were most influential in England during the period chosen for special study. The Head of the Department and the instructors will be glad to discuss with candidates their special interests and plans and to make suggestions in the furtherance of them.

A satisfactory dissertation upon a subject approved by the Head of the Department must be presented at least four months before the Convocation at which the candidate wishes to receive the degree. After the dissertation has been accepted the candidate must present himself for a special public examination in accordance with the general regulations of the University.

The Doctor's degree is not conferred merely for faithful and accurate work, however great in amount; the candidate must exhibit some capacity for investigation and independent thought. The requirements cannot therefore be stated in terms of years or courses. Three years is, however, usually necessary for a competent student who enters the Graduate School with a good equipment.

Library facilities.—The Library of the Department of English contains 10,000 volumes and increases usually at the rate of about 500 volumes a year. During the year 1904-5 a special fund of \$8,000 was appropriated for the purchase of books in English, Germanic, and Romance Philology, and during the year 1906-7 a special fund of \$10,000 will be devoted to the English library alone. The libraries of the three Departments constituting the Modern Language Group are in adjoining rooms and are administered as one. Together they contain about 30,000 volumes. Other departmental libraries of especial value to the student of English are those of History, Philosophy, and the Classical Languages and Literatures. Assistance of the greatest importance is constantly afforded by the Newberry Library, the Crerar Library, the Public Library of the city of Chicago, and the General Library of the University, containing about 300,000 volumes each.

COURSES OF INSTRUCTION

COURSES IN RHETORIC AND ENGLISH COMPOSITION

The following courses in rhetoric and English composition are designed to provide one Major course in English composition for each of the first three undergraduate years and two Majors for the fourth year. Students are advised not to elect two Majors in one year except in the case of Courses 5 and 6. In all these courses emphasis is placed upon the art of composition rather than upon a theoretical knowledge of rhetoric. Specified reading from modern English prose is required in all undergraduate courses.

For the Junior Colleges

1. **Rhetoric and English Composition: Introductory College Course.**—Short themes and exercises weekly. Mj. Every Quarter

Summer Quarter—

Sec. a (for undergraduates), 9:00

MR. ROBERTSON

Sec. b (for teachers), 8:00 M. First Term

MR. HILL

Autumn Quarter—

Secs. a, b, c (Men)

Secs. d, e, f (Women)

Secs. a, b, d, e, 9:30

Secs. c and f, 12:00

MR. BOYNTON, MRS. FLINT, MESSRS. ROBERTSON,
ROYSTER, AND READERS

Winter Quarter—

Sec. a (Men), 9:30

Sec. b (Women), 9:30

MR. BOYNTON AND MRS. FLINT

Spring Quarter—

Sec. a (Men), 9:30

Sec. b (Women), 9:30

MESSRS. LINN AND ROBERTSON

Required of all students in the Junior Colleges. Course 1 must be taken immediately after entrance to the University.

3. **English Composition.**—Required of all candidates for degrees who have completed nine Majors in the Junior Colleges, including English 1.

Mj. Every Quarter

Summer Quarter—

10:30.

MR. ROBERTSON

Autumn Quarter—

Sec. a (Men), 11:00

MR. BOYNTON

Sec. b (Women), 11:00 MR. ROBERTSON

Winter Quarter—

Sec. a (Men), 11:00

MRS. FLINT

Sec. b (Women), 11:00 MR. LINN

Spring Quarter—

Sec. a (Men), 11:00

MRS. FLINT

Sec. b (Women), 11:00 MR. BOYNTON

For the Senior Colleges

4. **English Composition.**—Daily and fortnightly themes. Open to students who have passed English 1 and 3. Mj. Every Quarter

Summer Quarter; 11:30

ASSISTANT PROFESSOR DODGE

Autumn Quarter; 9:30

ASSOCIATE PROFESSOR LOVETT

Winter Quarter; 9:30

ASSOCIATE PROFESSOR LOVETT

Spring Quarter; 9:30

MRS. FLINT

- 5, 6. **English Composition: Advanced Course**—Courses 5 and 6 should be elected as a whole. These courses are open to students in the Senior Colleges (preferably members of Senior Divisions I-III) and the Graduate School who have attained a high grade in the prescribed Courses 1 and 3, or who otherwise satisfy the instructor of their ability to pursue the work. 2 Mj.

Summer Quarter (English 6); 11:30

ASSOCIATE PROFESSOR LOVETT

Winter and Spring Quarters; 11:00

PROFESSOR HERRICK

7. **Rhetoric and Composition for Teachers.**—(1) The writing and the criticism of themes, with a study of the principles of structure; (2) a study of textbooks and methods of teaching English composition in secondary schools. Students in this course should have had experience in teaching English composition.

M. First Term, Summer Quarter; 9:00

MR. HILL

9. **Argumentation.**—The work consists of the preparation each Quarter of three briefs and three forensics. In the case of a student who is taking Course 10 the subjects of the forensics will be the same as those of the debates in which he appears as principal. With the consent of the instructor this course may be elected for two Quarters in place of Course 3.

2M. 2 hrs. a week. Winter and Spring Quarters. Wed. and Fri., 3:00. MR. CHANDLER

10. **Oral Debates.**—Training in public speaking. Discussion of topics in representative fields of thought: economics, politics, literature, education, and other subjects. Criticisms by members of the departments in whose fields lie the subjects for discussion.

2M. Winter and Spring Quarters. Mon.
MR. CHANDLER

COURSES IN THE ENGLISH LANGUAGE

21. Old English: Elementary Course.—Grammar and easy reading—Bright's *Anglo-Saxon Reader*.

Mj. Summer Quarter; 2:30

Autumn Quarter; 12:00

MR. ROYSTER

22. Old English (continued).—Readings in prose and the easier poetry, with review of the grammar.

Mj. Winter Quarter; 12:00

MR. ROYSTER

23. Old English: Poetry.—Reading of the *Beowulf* with study of meter and of the literary characteristics of Old English poetry.

Mj. Spring Quarter; 2:00

ASSOCIATE PROFESSOR BLACKBURN

24. Old English: Advanced Course.—Rapid reading of selected works, both prose and poetry. For Graduate students only. Prerequisites: *Courses 21-23, or their equivalents*.

Mj. Autumn Quarter; 2:00

ASSOCIATE PROFESSOR BLACKBURN

25. Old English: Special Course.—Study of some special text with reference to sources, grammatical peculiarities, construction of text, dialect, etc. For Graduate students only.

Mj. Winter Quarter; 2:00

ASSOCIATE PROFESSOR BLACKBURN

26. Early Middle English.—Emerson's *Middle English Reader*. Special attention will be given to the grammatical development of the language and to dialectology. Prerequisite: *English 21*.

Mj. Winter Quarter; 3:00

ASSOCIATE PROFESSOR BLACKBURN

27. Later Middle English.—The works to be discussed will be announced later.

Mj. Spring Quarter; 3:00

ASSOCIATE PROFESSOR BLACKBURN

- 27B. Problems in the Literature of the Fourteenth Century.

PROFESSOR MANLY

[Not to be given in 1906-7]

28. Chaucer: The Canterbury Tales.—An introductory course for students who have had no training in Middle English.

Mj. Summer Quarter; 9:00

DR. CRAIG

Autumn Quarter; 2:00

PROFESSOR MANLY

- 29A, B. English Metrical Romances.—The first Quarter will be devoted to lectures and reports; the second to the investigation of problems. For Graduate students only. Permission of the instructor is necessary for admission to this course.

2Mj.

PROFESSOR MANLY

[Not to be given in 1906-7]

30. Comparative Grammar of Old English.—A lecture course on the sounds and the inflections of Old English, intended not only for students of the English language but also for students of general comparative philology, in particular those giving special attention to the Teutonic group. For Graduate students only.

ASSOCIATE PROFESSOR BLACKBURN

[Not to be given in 1906-7]

31. Introduction to the Science of Language.—The purpose of the course is to give students some conception of the aims and methods of modern philological study; to acquaint them with the large results of linguistic science and the relations of these to the general history of civilization; and to arouse interest in all questions of the life and growth of human speech. No special linguistic training is necessary for admission to the course.

Mj. Autumn Quarter; 3:00

PROFESSOR MANLY

33. The Grammar of Modern English.—Intended especially for teachers of English.

Mj. Winter Quarter; 3:00

ASSISTANT PROFESSOR TOLMAN

34. The History of the English Language.—Open to students who have taken English 21 and 28.

Mj. Spring Quarter; 3:00

MR. ROYSTER

- 35A, B, C. English Language Seminar.—For investigation and special study of linguistic problems. Students are admitted only by permission of the instructor. For Graduate students only.

3Mj. Autumn, Winter and Spring Quarters; Hours to be arranged with the instructor.

ASSOCIATE PROFESSOR BLACKBURN

36. The History of Old English Literature.—Lectures on English Literature from the date of the earliest remains to the Norman Conquest.

Mj. Autumn Quarter; 3:00

ASSOCIATE PROFESSOR BLACKBURN

37A. B. Chaucer.—Rapid reading and discussion of his works. Primarily for Graduate students. English 28, or its equivalent, is required for admission to this course.

2Mj. Winter Quarter; 2:00
Spring Quarter; 12:00
PROFESSOR MANLY

COURSES IN MODERN ENGLISH LITERATURE
For the Junior Colleges

40. An Introduction to English Literature.—In this course selected works of some of the greatest English writers are discussed. The teaching of literary chronology is confined to the few really important dates. The main objects of the course are: to secure intelligent reading of the masterpieces chosen, and interest in them; to awake a desire for wider knowledge; and to cultivate such critical ideas as the student is capable of at this stage of his development.

Autumn Quarter; 9:30
ASSOCIATE PROFESSOR REYNOLDS
Winter Quarter; 8:30
PROFESSOR MACCLINTOCK
Spring Quarter; 8:30
ASSISTANT PROFESSOR TOLMAN

Prerequisite: *English 1*.

Required of all students in the Junior Colleges of Literature and of Science. It is prerequisite to all other courses in English Literature.

40A, 40B. An Introduction to English Literature.—
Long course. 2 Mj

[Not to be given in 1906-7.]

Either Major of this course may be substituted for Mj 40, and elective credit is given for the other Major. But it is not desirable for students to take 40A unless they plan to take 40B as well, and 40A or its equivalent is a prerequisite for 40B.

41. *Shakspeare*.—The reading and interpretation of representative plays. Mj

Autumn Quarter; 12:00
ASSISTANT PROFESSOR TOLMAN
Winter Quarter; 11:00
ASSOCIATE PROFESSOR REYNOLDS
For the Senior Colleges

Courses 42-48 cover with some minuteness the history of English literature from the beginning of the modern period down to the present time. They need not be taken in chronological order.

42. English Literature, 1557-99.
Mj. Autumn Quarter; 11:00
ASSOCIATE PROFESSOR LOVETT

43. English Literature, 1599-1660.
Mj. Winter Quarter; 11:00
ASSOCIATE PROFESSOR LOVETT

44. English Literature, 1660-1744.
Mj. Spring Quarter; 9:30
PROFESSOR MACCLINTOCK

46. English Literature, 1744-98.
Mj. Autumn Quarter; 8:30
PROFESSOR MACCLINTOCK

47. English Literature, 1798-1832.
Winter Quarter; 9:30
MR. LINN

48. English Literature, 1832-92.
Mj. Summer Quarter; 10:30
ASSOCIATE PROFESSOR LOVETT
Spring Quarter; 11:00
MR. LINN

50. Studies in the Literature of the Elizabethan Period, 1550-1650.—For Graduate students only. Prerequisite: *English 42, 43, or 85, or their equivalents*.
ASSOCIATE PROFESSOR CARPENTER
[Not to be given in 1906-7]

51. The Beginnings of the Renaissance and the Reformation in England.—Lectures on the main currents of literature and civilization in England from the introduction of printing to the accession of Elizabeth; with discussion of the texts in Flügel's *Neuenglisches Lesebuch*. For Graduate students only.
PROFESSOR MANLY
[Not to be given in 1906-7]

52. Studies in the Literature of the Seventeenth Century.—For Graduate students only.
ASSOCIATE PROFESSOR CARPENTER
[Not to be given in 1906-7]

54. Studies in the English Heroic Play.—For graduate students only.
Mj. Winter Quarter; Mon. and Wed., 4:00-6:00
ASSOCIATE PROFESSOR REYNOLDS

57. Studies in the Literature of the Classical Period.—The topic for this year will be the Poetry of John Gay. Students who have taken Course 57 when another topic was dealt with are not debarred from taking it again. For Graduate students only.
Mj. Autumn Quarter; Mon. and Wed. 4:00-6:00
Summer Quarter; 2:30
ASSOCIATE PROFESSOR REYNOLDS

58. **Studies in the Beginnings of the Romantic Movement.**—For Graduate students only. Mj
PROFESSOR MACCLINTOCK
[Not to be given in 1906-7]
59. **Studies in the Literature of the Romantic Period.**
For Graduate students only.
Mj. Winter Quarter; Wed. and Fri., 4:00-6:00
PROFESSOR MACCLINTOCK
62. **The Oxford Movement and English Literature.**
[Not to be given in 1906-7]
69. **The Life and Works of Spenser.**—This course is intended primarily for Graduate students, but Senior College students who have passed with credit in English 42 will be admitted.
Mj. Summer Quarter; 10:30
ASSISTANT PROFESSOR DODGE
Winter Quarter; 3:00
ASSOCIATE PROFESSOR CARPENTER
- 70A, B. **Shakspeare.**—A study of all the plays. 2Mj
ASSISTANT PROFESSOR TOLMAN
[Not to be given in 1906-7]
72. **Shakspeare's Comedies.**—Primarily for Senior College Students, but can be counted for graduate credit.
Mj. Autumn Quarter; 9:30
PROFESSOR MACCLINTOCK
73. **Problems in Shakspeare.**
Mj. Spring Quarter; Wed. and Fri., 4:00-6:00
ASSISTANT PROFESSOR TOLMAN
75. **Milton.**
ASSOCIATE PROFESSOR CARPENTER
[Not to be given in 1906-7]
76. **Wordsworth and the English Romantic Movement.**—For Graduate students only.
PROFESSOR MACCLINTOCK
[Not to be given in 1906-7]
77. **The Critical Writings of Coleridge.**
PROFESSOR MACCLINTOCK
[Not to be given in 1906-7]
80. **English Literature for Teachers.**—A study of typical masterpieces, with special reference to the selection of texts and the aims and methods of teaching literature.
Mj. Summer Quarter; 1:30
ASSOCIATE PROFESSOR REYNOLDS
82. **The Pre-Shakspearean Drama.**—Primarily for Graduate students.
Mj. Summer Quarter; 8:00
DR. CRAIG
- 83A, B. **The Mediæval Drama.**—The origins and the development of the mediæval forms of the drama; in the second half of the course Miracle Plays, Mysteries, Moralities, and Interludes will be discussed in greater detail than heretofore. For graduate students only.
2Mj. Winter Quarter; 3:00
Spring Quarter; 11:00
PROFESSOR MANLY
84. **The Drama in England from 1500 to 1600.**—A study of the forms of the drama in England at the beginning of the Renaissance; of the influences which shaped the Elizabethan drama; and of dramatic history in the period designated.
Mj. Winter Quarter; 2:00
ASSISTANT PROFESSOR TOLMAN
85. **The Drama in England from 1600 to 1642.**
Mj. Spring Quarter; 12:00
PROFESSOR HERRICK
86. **The Drama in the Nineteenth Century.**
[Not to be given in 1906-7]
- 87A, B. **The History of the Novel in England.** 2Mj
PROFESSOR HERRICK AND MR. LINN
[Not to be given in 1906-7]
88. **The Technique of the Modern Novel.**—Representative English, French, Russian, and German novels will be studied with special reference to structure and technique. Ability to read French is desirable but not absolutely necessary for the course.
Mj. Winter Quarter; 12:00
PROFESSOR HERRICK
89. **Studies in Eighteenth-Century Comedy.**
For Graduate students only.
ASSOCIATE PROFESSOR REYNOLDS
[Not to be given in 1906-7]
90. **The Development of the Literary Essay in England.**
PROFESSOR MACCLINTOCK
[Not to be given in 1906-7]
91. **Ballad and Epic Poetry.**—The English ballads will be studied in the complete collection of Child and Kittredge. *Beowulf* and the *Iliad* will be read in translation; other famous epics will be treated in lectures.
Mj. Summer Quarter; 9:00
Autumn Quarter; 11:00
102. **The History of English Criticism.**
Mj. Spring Quarter; 8:30
PROFESSOR MACCLINTOCK

103. **English Versification.**—A discussion of metrical and rhythmical theories and a historical account of English verse.
[Not to be given in 1906-7]
Mj. Winter Quarter; 11:00
MR. BOYNTON
130. **The Pre-Raphaelite Movement.**
[Not to be given in 1906-7]
150. **The Bibliography of English Literature.**—For Graduate students only.
Mj. Winter Quarter; Tu. and Th., 4:00-6:00
ASSOCIATE PROFESSOR CARPENTER
160. **American Literature.**—A general survey. Primarily for Senior College Students, but may be counted for graduate credit.
Mj. Winter Quarter; 11:00
MR. BOYNTON
161. **Studies in American Literature.**—Special problems in the early literature. Primarily for graduate students.
Mj. Spring Quarter; 9:30
MR. BOYNTON

XVI. THE DEPARTMENT OF GENERAL LITERATURE

OFFICERS OF INSTRUCTION

A. INSTRUCTOR ATTACHED TO THE DEPARTMENT OF GENERAL LITERATURE

RICHARD GREEN MOULTON, PH.D., *Professor of Literary Theory and Interpretation and Head of the Department of General Literature.*

B. INSTRUCTORS IN OTHER DEPARTMENTS OFFERING COURSES IN THIS DEPARTMENT

JAMES HAYDEN TUFTS, PH.D., LL.D., *of the Department of Philosophy.*
 HERBERT LOCKWOOD WILLETT, PH.D., *of the Department of Semitic Languages and Literatures.*
 ERNEST DEWITT BURTON, D.D., *of the Department of Biblical and Patristic Greek.*
 SHAILER MATHEWS, A.M., D.D., *of the Department of Biblical and Patristic Greek.*
 CLYDE WEBER VOTAW, D.B., PH.D., *of the Department of Biblical and Patristic Greek.*
 EDGAR JOHNSON GOODSPEED, D.B., PH.D., *of the Department of Biblical and Patristic Greek.*
 PAUL SHOREY, PH.D., *of the Department of the Greek Language and Literature.*
 GENEVA MISENER, PH.D., *of the Department of the Greek Language and Literature (Summer Quarter, 1906).*
 FRANK JUSTUS MILLER, PH.D., *of the Department of the Latin Language and Literature.*
 GEORGE CARTER HOWLAND, A.M., *of the Department of Romance Languages and Literatures.*
 STARR WILLARD CUTTING, PH.D., *of the Department of Germanic Languages and Literatures.*
 MARTIN SCHÜTZE, PH.D., *of the Department of Germanic Languages and Literatures.*
 JOHN MATTHEWS MANLY, PH.D., *of the Department of English.*
 WILLIAM DARNALL MACCLINTOCK, A.M., *of the Department of English.*
 ROBERT HERRICK, A.B., *of the Department of English.*
 MYRA REYNOLDS, PH.D., *of the Department of English.*
 ALBERT HARRIS TOLMAN, PH.D., *of the Department of English.*
 ROBERT ELKIN NEIL DODGE, A.M., *of the Department of English (Summer Quarter, 1906).*

INTRODUCTORY

The Heads and acting Heads of Departments VIII-XVI compose the Committee of Management for Department XVI.

The Department of General Literature, formerly known as the Department of Literature (in English), has for its theoretic basis the unity of all literature. The purpose of the Department is, by its own courses and by co-operation with Departments VIII-XV, to afford facilities for the study of literature not limited by the divisions between particular languages and peoples.

The courses of the Department are open to students of the Senior Colleges, and to the Graduate School of Arts and Literature. They are designed for two different classes of students: (1) those whose main work is remote from Literature, but who may desire some literary culture as an element of liberal education; (2) those who, whether in their Senior College or their Graduate work, desire to specialize in Literature. [Particular courses in Biblical Literature, where it is so specified, but no others, are open to students of the Junior Colleges who have completed twelve Majors.]

The work of the Department falls into three sections: (A) The Theory of Literature, including Literary Interpretation and Literary Criticism. For purposes of practical education it is believed to be impossible without the use of literature in translation to obtain a sufficiently wide induction from literary phenomena to make studies like these scientific. In this section knowledge of the original languages of the literatures concerned may or may not be assumed. (B) Comparative Literature, as the term is generally understood. The work of this section will assume knowledge of the original languages of the principal literatures concerned. (C) General Literature (irrespective of divisions between particular languages), treated as a part of general culture rather than specialized study. In this section no knowledge will be assumed of any language other than English.

For Senior College courses no knowledge is assumed of any language other than English. They are designed for students who may desire, at this stage of their education, to gain an intelligent appreciation of the great landmarks of world-literature, acquaintance with which is an essential of liberal education alike for those whose main interests are, and those whose main interests are not, literary. In each period of two years there will usually be offered courses in such subjects as The (English) Bible, Homer and Virgil, The Ancient Classical Drama, Dante, Shakspeare, Goethe's *Faust*. In addition there will be a course (No. 1) designed as an introduction to general reading (so far as such reading is in literature), and usually a course in some literary topic of special interest at the present day. The courses can be taken singly; but eight such courses would make a convenient curriculum in General Literature.

While any of the Graduate courses offered in this Department can be taken by itself, special provision is made for students desiring to specialize in General Literature for the A.M. degree. The requirements as to the higher degrees are as follows:

1. Graduate students offering work in this Department for the A.M. (specialist) degree, or as the single secondary subject for the degree of Ph.D., or as the principal subject for the degree of Ph.D., will be required to take courses in Biblical Literature and in Greek-Roman Literature, unless the Department is satisfied that adequate work in these studies has been done by the candidate previously.
2. Graduate students offering work in this Department for the A.M. (specialist) degree must take not less than three and not more than four Majors in Section A, of which Course 40 (or its equivalent) must be one.
3. Graduate students offering work in this Department as the single secondary subject for the degree of Ph.D. must take (a) at least two Majors in Section B, (b) not less than three and not more than four Majors in Section A, of which Course 40 (or its equivalent) must be one.
4. Graduate students offering work in this Department as the principal subject for the degree of Ph.D. must take at least one-half of their work in Section B, this work involving knowledge of the languages of the principal literatures concerned. They will also be required to take Course 40 (or its equivalent), and two more Majors in Section A. [It is not found practicable at present to offer sufficient courses in Section B to render work in this Department available as principal subject for the degree of Ph.D.]

Department XVI being in its nature supplementary to the other language and literature Departments (VIII-XV), it will often happen that particular courses in those Departments can be substituted for, or used to supplement, courses in General Literature. This is especially the case in regard to Section B.

COURSES OF INSTRUCTION

SENIOR COLLEGE COURSES

1. Masterpieces of World Literature.—An Introduction to General Reading, so far as that reading is literary.

Mj. Autumn Quarter, 1906; 11:00
PROFESSOR MOULTON

2. The Literary Study of the Bible.—The subject will be treated from the standpoint of the general reader, with a reference also to the teaching of the (English) Bible.—*Open to the Junior College.*

Mj. Winter Quarter, 1906; 9:30
PROFESSOR MOULTON

3. **Homer and Virgil for English Readers.**
Mj. Spring Quarter, 1908; 11:00
PROFESSOR MOULTON
4. **A Reading Course for Modern Readers in the Ancient Classical Drama.**
Mj. Spring Quarter, 1907; 3:00
PROFESSOR MOULTON
5. **Dante in English.**—A course of lectures covering the whole of Dante's work, but with especial reference to the *Divine Comedy*. Assigned readings and weekly reports by the class.
Mj. Winter Quarter, 1907; 3:00
ASSISTANT PROFESSOR HOWLAND
6. **Shakspeare.**—See XV, 70, 71.
ASSISTANT PROFESSOR TOLMAN
[Not to be given in 1906-7]
7. **The Story of Faust.**—Goethe's *Faust* (in English), in comparison with the treatment of the same story in English and Spanish literatures and in music.
Mj. Winter Quarter, 1908; 11:00
PROFESSOR MOULTON
8. **William Morris as a Modern Homer.**—The purpose of this course is to study the poetry of William Morris, especially *Sigurd*, as the supreme achievement of English Epic poetry, naturalizing for our literature in their highest form poetic traditions which have been made familiar in another form by the Music Drama of Wagner.
Mj. Autumn Quarter, 1906; 9:30
PROFESSOR MOULTON
- A. THEORY OF LITERATURE
40. **Foundation Principles of the Study of Literature.**—This course is designed for students and teachers of literature (whether of literature in general or any particular literature), surveying the position of literature in the field of methodical studies, the lines of special work open to the student, and the problems of the transmission of literary culture by means of education.
Mj. Spring Quarter; 9:30
PROFESSOR MOULTON
- 40B. **The New Study of Literature.**—This will be an attempt to indicate the modifications in the traditional treatment of the subject consequent upon the recognition of Literature as an independent study, and to show its relations to allied studies. It is intended for students and teachers, whether of literature in general or of any particular literature.
M. First Term, Summer Quarter; 10:30
PROFESSOR MOULTON
41. **Lectures in the Literary Criticism and Rhetoric of the Ancients.**—See XI, 54.
PROFESSOR SHOREY
[Not to be given in 1906-7]
42. **The History of English Criticism.**—See XV, 102.
Mj. Spring Quarter; 8:30
PROFESSOR MACCLINTOCK
45. **Mediæval Drama.**—The origins and development of the mediæval forms of the drama; in the second half of the course Miracle Plays, Mysteries, Moralities, and Interludes will be discussed in greater detail than heretofore.—See XV, 83AB.
2Mj. Winter Quarter; 3:00
Spring Quarter; 11:00
PROFESSOR MANLY
46. **Technique of the Modern Novel.**—Representative English, French, Russian, and Spanish novels will be studied with special reference to structure and technique. Ability to read French is desirable, but not necessary for the course.—See XV, 88.
Mj. Winter Quarter; 12:00
PROFESSOR HERRICK
47. **Aesthetics.**—See I, 7.
PROFESSOR TUFTS
[Not to be given in 1906-7]
- B. COMPARATIVE LITERATURE
50. **History of Virgilian Interpretation.**—The ancient, mediæval, and modern masters of Virgilian interpretation and criticism will be studied, and their attitude and method noted. Of the modern students of Virgil, especial attention will be given to the English, French, and German schools.—See XII, 70.
Mj. Spring Quarter; 8:30
ASSOCIATE PROFESSOR MILLER
52. **Relation between Literature and Philosophy from the Death of Lessing to 1848.**—The classical era of German literature and the romantic movement in Germany, England, and France cannot be understood without a study of the principal tendencies in contemporaneous thought. It is to fill the gap between technical courses in the philosophy of this period, on the one hand, and purely literary courses, on the other, that this course is offered. Lectures in English, assigned reading, and reports.—See XIV, 181.
Mj. Autumn Quarter; 11:00
DR. SCHÜTZE
53. **Seminar: Das englische Drama in Deutschland im 16 und 17 Jahrhundert.**—Ein vergleichendes

Studium der englischen und der deutschen Bühne unter Berücksichtigung der englischen Komödianten und ihre Nachfolger.—See XIV, 262. Mj. Winter Quarter; Wed., 2:00-4:00

PROFESSOR CUTTING

C. GENERAL LITERATURE

65. Isaiah i-xxxix.—See VIII, 60.

M. First Term, Summer Quarter
ASSISTANT PROFESSOR WILLETT

66. Jeremiah.—See VIII, 62.

M. First Term, Summer Quarter
ASSISTANT PROFESSOR WILLETT

70. Introduction to the Books of the New Testament.—See IX, 3.

Mj. Summer Quarter
Spring Quarter
PROFESSOR BURTON

71. The Parables of Jesus.—See IX, 20A.

M. First Term, Summer Quarter
PROFESSOR MATHEWS

72. Jesus' Sermon on the Mount.—See IX, 25B.

M. Second Term, Summer Quarter
ASSISTANT PROFESSOR VOTAW

75. Christian Literature to Eusebius.—History of the Ante-Nicene Christian Literature, with reading of assigned portions, partly in original, partly in translation.—See IX, 55.

Mj. Autumn Quarter
ASSISTANT PROFESSOR GOODSPEED

81. General History of Greek Literature.—Intended for those who do not read Greek.—See XI, 22.

Mj. Summer Quarter
PROFESSOR MISENER

4. *A Reading Course for Modern Readers in the Ancient Classical Drama.

Mj. Spring Quarter; 3:00
PROFESSOR MOULTON

111. Ballad and Epic Poetry.—English Ballads will be studied in the complete collections of Child and Kittredge. *Beowulf* and the *Iliad* will be read in translation. Other famous epics will be treated in lectures.—See XV, 91.

Mj. Summer Quarter; 9:00
Autumn Quarter; 11:00
ASSISTANT PROFESSOR TOLMAN

112. Studies in the English Heroic Play.—For Graduates only.—See XV, 54.

Mj. Winter Quarter; Mon., Wed., 4:00-6:00
ASSOCIATE PROFESSOR REYNOLDS

113. Life and Works of Spenser.—See XV, 69.

Mj. Summer Quarter; 10:30
ASSISTANT PROFESSOR DODGE

120. Literary Study and Teaching of the (English) Bible.

M. First Term, Summer Quarter; 9:00
PROFESSOR MOULTON

8. *William Morris as a Modern Homer.—The purpose of this course is to study the poetry of William Morris, especially *Sigurd*, as the supreme achievement of English Epic Poetry, naturalizing for our literature in their highest form poetic traditions which have been made familiar in another form by the Music Dramas of Wagner.

Mj. Autumn Quarter; 9:30
PROFESSOR MOULTON

*These are primarily Senior College courses; special work will be set for those using them as Graduate courses.

XVII. THE DEPARTMENT OF MATHEMATICS

OFFICERS OF INSTRUCTION

ELIAKIM HASTINGS MOORE, PH.D., LL.D., *Professor and Head of the Department of Mathematics.*
 OSKAR BOLZA, PH.D., *Professor of Mathematics.*
 HEINRICH MASCHKE, PH.D., *Associate Professor of Mathematics.*
 WILLIAM HOOVER, PH.D., *Non-Resident University Extension Assistant Professor of Mathematics.*
 HERBERT ELLSWORTH SLAUGHT, PH.D., *Assistant Professor of Mathematics.*
 JACOB WILLIAM ALBERT YOUNG, PH.D., *Assistant Professor of the Pedagogy of Mathematics.*
 LEONARD EUGENE DICKSON, PH.D., *Assistant Professor of Mathematics.*
 ARTHUR CONSTANT LUNN, PH.D., *Instructor in Applied Mathematics.*
 NELS JOHANN LENNES, S.M., *Instructor in Mathematics, Wendell Phillips High School, Chicago*
 (Summer Quarter, 1906).

GEORGE WILLIAM MYERS, PH.D., *Professor of the Teaching of Mathematics and Astronomy, the School of Education.*

FELLOWS, 1906-7

GEORGE DAVID BIRKHOFF, A.B.

LOUIS INGOLD, A.B., A.M.

HARRIS FRANKLIN MACNEISH, S.M.

INTRODUCTORY

The following courses introductory to the higher Mathematics are intended for students making Mathematics their principal subject, and partly also for those making Mathematics their secondary subject, in particular for students of Astronomy and Physics:

- (A) † *Differential and integral calculus (3Mj).*
- (B) † *Solid analytics and determinants; algebraic analysis.*
- (C) † *Analytic mechanics (2Mj); theoretical mechanics, vector analysis, theory of the potential.*
- (D) † *Advanced calculus, including differential equations, definite integrals, Fourier series, elements of elliptic integrals (3Mj); elements of the theory of functions.*
- (E) *Synthetic projective geometry; analytic projective geometry; differential geometry (2Mj).*
- (F) *Theory of numbers; theory of invariants; selected chapters of algebra; theory of substitutions with applications to algebraic equations; quaternions.*

Groups (A)-(F) indicate constituents of six sequences of courses running through the usual academic year from October to June. These sequences vary slightly from year to year, the courses marked with a dagger (†) being given annually, and the other courses being given usually once in two years. Special emphasis will be laid upon the application of Calculus to the solution of analytical, geometrical, and mechanical problems.

The undergraduate student who wishes to specialize in Mathematics should take (A) as Junior College Elective, (B) in his first Senior College year, and (C) and (D) in his second Senior College year.

Candidates for the specialist Master's degree in Mathematics are expected to offer for examination the subjects covered by the courses of groups (A)-(D), and two Majors selected from (E)-(F), or the equivalents of these subjects, and to present a satisfactory thesis on an assigned topic closely related to one of these subjects.

Candidates for the Doctor's degree with Mathematics as secondary subject are expected to offer for examination the subjects covered by the courses of groups (A)-(D), or the equivalents of these subjects.

The initial and special courses in the higher Mathematics are intended to give the Graduate student a comprehensive view of modern Mathematics, to develop him to scientific maturity, and to enable him to follow, without further guidance, the scientific movement of the day, and, if possible, to take an active part in it by creative research. The special courses and the research Seminars vary from year to year; they may be

classified in general terms as relating to (a) *Algebra and Arithmetic*; (b) *Analysis*; (c) *Geometry*; (d) *Mechanics and Applied Mathematics*; (e) *the Foundations and Interrelations of the Mathematical Disciplines as purely abstract deductive systems*. Attention is called to courses of type (d) offered by the Departments of Astronomy and Physics.

Candidates for the Doctor's degree with Mathematics as principal subject are expected to present a dissertation, in finished form, embodying valuable results of mathematical inquiry, and to offer for examination the subjects covered by fifteen majors of initial courses of groups (A)-(F), and by a considerable body of special courses, in each case presumably most closely related to the subject of the candidate's dissertation.

Courses in the history and the teaching of Elementary Mathematics—Arithmetic, Algebra, Geometry, Trigonometry, Analytic Geometry, Calculus, Mechanics—are offered by this Department and the School of Education. These courses embody the conviction that elementary students need to have their mathematics made, not easier, but more perfectly intelligible and attractive, and to this end that teachers should more generally appreciate and utilize in instruction the unity of mathematics, as made up of various most closely interrelated disciplines, and the character of mathematics, as an ideal science developed by abstraction from various more concrete domains, and appealing to the general student by the beauty and completeness of its logical structure, and equally by its richness of applicability in the arts and natural sciences.

Students of Mathematics should understand that the proper arrangement of their course of study in Mathematics is a matter of extreme importance. The best arrangement for a particular student is apt to depend on his previous mathematical career, and can be determined often only by conference between the student and a member of the staff of the Department. The members of the staff are at all times ready to arrange for such conferences.

The courses of the Summer Quarter are designed to meet the needs of those college men and others wishing to study advanced Mathematics, who are able to spend only the summer in residence. The courses of a series of four summer Quarters will be arranged so as to give a wide view of modern Mathematics.

The attention of any student wishing the guidance of the Department in his continuation of the work done in the summer is called to the correspondence courses of the Department, which are given under the auspices of the University Extension Division of the University.

To students in Mathematics are usually assigned three Fellowships. These Fellowships are assigned to those students excelling in their mathematical acquisitions and scholarly abilities who exhibit strongest evidences of marked creative ability in Mathematics. It is a distinct advantage to candidates to have been at least one year in residence at the University. Candidates should file with the President of the University (on application blanks to be secured from the President's Secretary) records of their previous work and distinctions, degrees, and past courses of study, with copies of their written or printed work in Mathematics. Applications should be filed before March 1 of each year. The appointments are made during the first week of April.

Fellows agree not to give private tuition, and may be called upon for assistance in any departmental teaching or other work; in no case, however, will a Fellow be expected or permitted to devote more than one-sixth of his time to such service.

Senior College Scholarship.—This Scholarship is awarded annually at the Summer Convocation to that student admitted to the Senior College during the preceding year who did the best Junior College work in Mathematics. In judging of the work of each candidate for this Scholarship, the Department considers (a) the quality of his Junior College work in general; (b) the quantity and the quality of his Junior College work in Mathematics; (c) the results of the Senior College Scholarship Examination on the subjects: *Trigonometry, College Algebra, and Analytical Geometry*.

Graduate Scholarship.—This Scholarship is awarded annually at the Summer Convocation to that student admitted to the Ogden Graduate School during the preceding year who has been named by the Department as the Senior College honor student in Mathematics. In judging of the work of each candidate for this Scholarship, the Department considers (a) the quantity and the quality of his Senior College work in Mathematics; (b) the results of the Graduate Scholarship Examination on the subjects: *Differential and Integral Calculus, Solid Analytics and Determinants, Algebraic Analysis, and Advanced Calculus*; (c) his promise of success as a Graduate student of Mathematics.

Scholarship Examinations.—The Senior College Scholarship Examination and the Graduate Scholarship

Examination are held every Spring Quarter at times and places duly announced in the *Weekly Calendar* or the *University Record*. Prospective candidates should confer with the Departmental Examiner. Files of papers set at previous Scholarship Examinations are accessible in the Departmental Library.

Library.—The Mathematical Library occupies Room 37 of the Ryerson Physical Laboratory, adjacent to the lecture-rooms of the Department, and is open for the use of Graduate students from 8:30 A. M. to 6:00 P. M. The library contains the more important mathematical periodicals, collected works, treatises, and textbooks.

Models.—A collection of Brill's models: plaster and thread models of quadric surfaces, plaster models of cubic and Kummer's quartic surfaces, models of cyclides and surfaces of constant positive and negative curvature, and thread models of three-dimensional projections of four-dimensional regular bodies.

COURSES OF INSTRUCTION

JUNIOR COLLEGE COURSES

[NOTE.—Any student permitted to matriculate with entrance conditions in Mathematics is expected to remove these conditions at the next regular entrance examination, and, until this has been done, he may not begin his required college mathematics.]

1. Plane Trigonometry.

Mj. Summer Quarter; 11:30

MR. LENNES

Mj. Autumn Quarter

Sec. a (Men); 11:00

ASSISTANT PROFESSOR LAVES

Sec. b (Women); 11:00

ASSISTANT PROFESSOR DICKSON

Sec. c, 12:00

ASSISTANT PROFESSOR YOUNG

Sec. d, 8:30

ASSISTANT PROFESSOR MOULTON

Mj. Winter Quarter

Sec. a (Men); 11:00

ASSISTANT PROFESSOR YOUNG

Sec. b (Women); 11:00

Sec. c, 9:30

ASSISTANT PROFESSOR SLAUGHT

Mj. Spring Quarter

Sec. a (Men); 11:00

ASSISTANT PROFESSOR DICKSON

Sec. b (Women); 11:00

ASSISTANT PROFESSOR YOUNG

Prerequisite: *Entrance Algebra and Geometry*.

2. College Algebra.

Mj. Summer Quarter; 9:00

ASSISTANT PROFESSOR DICKSON

Mj. Autumn Quarter; 11:00

ASSISTANT PROFESSOR YOUNG

Mj. Winter Quarter

Sec. a; 9:30

ASSISTANT PROFESSOR YOUNG

Sec. b; 11:00

DR. LUNN

Mj. Spring Quarter; 11:00

PROFESSOR MYERS

Prerequisites: *Entrance Algebra and Geometry*.

3. Analytic Geometry.—Elements of plane analytics, including the geometry of the conic sections, with an introduction to solid analytics.

Mj. Summer Quarter; 8:00

MR. LENNES

Mj. Autumn Quarter; 12:00

ASSISTANT PROFESSOR DICKSON

Mj. Spring Quarter; 12:00

ASSISTANT PROFESSOR DICKSON

Prerequisites: *Trigonometry and College Algebra*.

4. Solid Geometry.—An elementary course based upon Entrance Algebra and Plane Geometry.

[Not to be given in 1906-7]

NOTE.—Students from accredited preparatory schools may present this subject for college credit for examination at the University.

5. Surveying.—A field course including practical work with the instruments. Prerequisite: Course 1.

Mj. Spring Quarter; 12:00

ASSISTANT PROFESSOR LAVES

6. Spherical Trigonometry.—With applications to Navigation, and Astronomy.

Mj. Winter Quarter; 12:00

ASSISTANT PROFESSOR LAVES

Prerequisite: *Course 1*.

7. Elementary Mechanics.—Without the use of Calculus.

Mj. Winter Quarter; 8:30

DR. LUNN

Prerequisite: *Course 1*.

15. Introductory Calculus.—The elementary fundamental principles, methods, and formulas of differential and integral Calculus will be carefully studied in connection with simple problems of geometry and the physical sciences.

Mj. Summer Quarter; 9:00

ASSISTANT PROFESSOR SLAUGHT

Mj. Spring Quarter; 12:00

ASSISTANT PROFESSOR YOUNG

Prerequisite: *Trigonometry, College Algebra, and of Analytic Geometry* at least an elementary knowledge of graphing.

- 18, 19, 20. **Calculus, I, II, III.**—The fundamental principles and processes of the differential and integral Calculus, with much use of graphical methods and with much attention to the solving of problems illustrating all phases of the theory and certain important applications to geometry and mechanics and physics.

This course is not open to Graduate Students.

Three consecutive Majors, Autumn, Winter, and Spring Quarters; 8:30.

DR. LUNN AND ASSISTANT PROFESSOR SLAUGHT

Prerequisite: *Courses 1, 2, 3, or Course 3* may be taken simultaneously with *Course 18*.

27. **Integral Calculus.**—An elementary course with much practice in connection with applications to problems of Geometry, Analysis, and Physics.

Mj. Summer Quarter; 8:00

ASSISTANT PROFESSOR SLAUGHT

Prerequisite: *Differential Calculus*.

NOTE—This course provides opportunity for further study of elementary calculus by students of the Senior College. Open also to students of the Junior College.

- [ASTRONOMY 5] **Analytic Mechanics.**

Mj. Autumn Quarter; 9:30

ASSISTANT PROFESSOR LAVES

31. **Solid Analytics and Determinants.**

Mj. Winter Quarter; 11:00

PROFESSOR BOLZA

Prerequisite: *Plane Analytics and Calculus*.

32. **Algebraic Analysis.**—The complex number system (of ordinary Algebra). Roots of unity. Theory of equations. Infinite series.

Mj. Summer Quarter; 10:30

ASSISTANT PROFESSOR DICKSON

Mj. Spring Quarter; 9:30

PROFESSOR BOLZA

Prerequisite: *Plane Analytics and Differential Calculus*.

- 37, 38, 39. **Advanced Calculus: I, II, III.**—The fundamental principles and processes of the Calculus, including the theory of definite integrals, and differential equations, developed in organic relation with problems of Geometry, Mechanics, and Physics.

Three consecutive Majors, Autumn, Winter, and Spring Quarters; 8:30.

PROFESSOR MOORE

Prerequisite: *Differential and Integral Calculus*.

45. **Critical Review of Secondary Mathematics (for Teachers).**—A brief survey of the subject-matter

of Secondary Mathematics as seen in the light of modern mathematics, aiming both to organize the theory of the whole scientifically and to gather the products of this work for use in teaching.

Mj. Summer Quarter; 2:00

MR. LENNES

Prerequisite: *Working knowledge of Secondary Mathematics*.

47. **History of Mathematics.**—A survey of the development of Secondary Mathematics, with a glimpse of the great epochs in the history of Higher Mathematics.

Mj. Spring Quarter; 9:30

ASSISTANT PROFESSOR YOUNG

GRADUATE COURSES

- 65A, B, C, D. **Reading and Research in Pure Mathematics.**—When in the judgment of the Department it is advisable that students undertake definite mathematical reading and research not closely connected with any current lecture course or Seminar, this work will be directed by one or other of

PROFESSORS MOORE, BOLZA, MASCHKE, DICKSON

- 66A, B, C, D. **Reading and Research in Applied Mathematics.**—Advisable reading and research will be directed by one or other of

PROFESSORS MOORE, MASCHKE, MYERS, DR. LUNN

71. **Theory of Numbers.**—Elements of the theory of numbers; introduction to the theory of algebraic numbers; finite and infinite groups; finite and infinite fields.

ASSISTANT PROFESSOR DICKSON

ASSISTANT PROFESSOR YOUNG

[Not to be given in 1906-7]

81. **Theory of Substitutions, with application to the theory of algebraic equations.**

Mj. Summer Quarter; 11:30

ASSISTANT PROFESSOR DICKSON

Prerequisite: *A certain facility in abstract reasoning*.

- 81, 82. **Finite Groups with Applications I, II.**—Substitution groups in connection with the theory of algebraic equations; abstract groups; linear congruence and collineation groups; rotation groups and the simpler of Klein's two treatments of equations of the fifth degree. Seminar discussion of recent results, in particular those of Frobenius.

ASSISTANT PROFESSOR DICKSON

[Not to be given in 1906-7]

84. **Continuous Groups and Differential Equations.**—An illumination of the fundamental concepts and theorems of the Lie theory in connection with various classes of problems of geometry and differential equations.
Mj. Spring Quarter; 2:00
ASSISTANT PROFESSOR DICKSON
94. **Theory of Invariants.**—The theory of binary quantics ("modern higher algebra") with applications to the theory of equations and to geometry.
PROFESSOR BOLZA
Prerequisite: *Theory of Equations and Advanced Calculus.*
[Not to be given in 1906-7]
97. **Algebraic Numbers and Forms.**—An introduction to the theory in the spirit of Kronecker; application to the Galois theory of algebraic equations. Based on J. König's *Einleitung in die allgemeine Theorie der algebraischen Grössen* (Leipzig: Teubner, 1903).
ASSISTANT PROFESSOR DICKSON
Prerequisite: *Theory of Functions I, Theory of Numbers.*
[Not to be given in 1906-7]
111. **Theory of Functions of Real Variables.**—An elementary course, with applications to the Calculus of Variations.
Mj. Summer Quarter; 10:30
PROFESSOR BOLZA
- 113, 114. **Linear Integral Equations, I, II.**—Theory of algebraic and transcendental matrices, with applications. An advanced course.
2MM. Autumn and Winter Quarters; 2:00
PROFESSOR MOORE
- 118, 119. **Calculus of Variations, I, II.**—An advanced two major course on the theory of maxima and minima of definite integrals, with numerous applications to problems of geometry and mechanics.
Mj. Winter Quarter; 9:30
Mj. Spring Quarter; 11:00
PROFESSOR BOLZA
121. **Theory of Functions of a Complex Variable.**—An introductory course: Geometrical representation of complex quantities, conformal representation, Cauchy's theory, examples of Riemann surfaces. Prerequisite: *Advanced Calculus I, II, III.*
Mj. Autumn Quarter; 12:00
ASSOCIATE PROFESSOR MASCHKE
123. **Elliptic Functions.**—An advanced course with applications.
Mj. Winter Quarter; 12:00
ASSOCIATE PROFESSOR MASCHKE
Prerequisite: *Theory of Functions of a Complex Variable.*
126. **Linear Differential Equations.**—The general theory with particular reference to differential equations of second order. Special study of the hypergeometric function.
Mj. Spring Quarter; 9:30
ASSISTANT PROFESSOR SLAUGHT
Prerequisite: *Theory of Functions of a Complex Variable.*
128. **Partial Differential Equations.**—With applications to geometry and physics.
ASSOCIATE PROFESSOR MASCHKE
[Not to be given in 1906-7]
131. **Projective Geometry.**—An introductory course.
Mj. Summer Quarter; 11:30
ASSOCIATE PROFESSOR MASCHKE
141. **Modern Analytic Geometry.**—Homogeneous (trilinear) co-ordinates; projective properties of conics.
Mj. Autumn Quarter; 11:00
ASSOCIATE PROFESSOR MASCHKE
142. **Higher Plane Curves.**—General properties of algebraic curves. Special study of the curves of the third and fourth order.
Mj. Winter Quarter; 11:00
ASSOCIATE PROFESSOR MASCHKE
- 151, 152. **Differential Geometry, I, II.**—Theory of twisted curves and surfaces; theory of invariants of differential quantics.
ASSOCIATE PROFESSOR MASCHKE
[Not to be given in 1906-7]
161. **Vector Analysis.**—The elements of vector algebra, vector differentiation and integration, and the linear vector function; illustrated by typical applications to geometry, mechanics, and physics.
Mj. Autumn Quarter; 9:30
DR. LUNN
Prerequisite: *Advanced Calculus, I.*
164. **Theory of the Potential.**—The partial differential equations of Mathematical Physics, with especial attention to the Potential. An advanced course.
Mj. Summer Quarter; 10:30
ASSOCIATE PROFESSOR MASCHKE
Mj. Winter Quarter; 9:30
DR. LUNN
Prerequisite: *Theory of Functions.*

THE SEMINARS

Advanced students engaged in or prepared to undertake research work may, on approval of its Director, enter one of the Seminars. The individual members of a Seminar from time to time report to the Seminar on their investigations or on assigned topics. Each Seminar considers in particular certain topics; these topics vary somewhat from year to year. The research work of candidates for the Doctorate receives particular attention and direction.

171, 172, 173. **General Seminar.**—For the consideration of reports of current research and of literature, especially of a fundamental or critical nature. Mj. Summer Quarter; Sat. 8:30-10:30

DR. LUNN

3Mj. Autumn, Winter, Spring Quarters; Sat., 8:30-10:30.

PROFESSOR MOORE

XVIII. THE DEPARTMENT OF ASTRONOMY AND ASTROPHYSICS

OFFICERS OF INSTRUCTION

- EDWIN BRANT FROST, A.M., *Professor of Astrophysics, and Director of the Yerkes Observatory.*
 SHERBURNE WESLEY BURNHAM, A.M., *Professor of Practical Astronomy, and Astronomer in the Yerkes Observatory.*
 EDWARD EMERSON BARNARD, A.M., So.D., *Professor of Practical Astronomy, and Astronomer in the Yerkes Observatory.*
 * GEORGE ELLERY HALE, S.B., So.D., *Non-Resident Professor of Astrophysics.*
 KURT LAVES, A.M., Ph.D., *Assistant Professor of Astronomy.*
 FOREST RAY MOULTON, A.B., Ph.D., *Assistant Professor of Astronomy.*
 JOHN ADELBERT PARKHURST, S.M., *Instructor in Practical Astronomy.*
 STORRS BARROWS BARRETT, A.B., *Secretary and Librarian of the Yerkes Observatory.*
 ROBERT JAMES WALLACE, *Photophysicist at the Yerkes Observatory.*
 * PHILIP FOX, S.B., *Assistant in Astrophysics.*
 ARTHUR GRANT STILLHAMER, A.M., *Assistant in Astrophysics.*

FELLOWS, 1906-7

NAOZO ICHINOHE

WILLIAM DUNCAN MacMILLAN, A. B.

INTRODUCTORY

The work of the Department of Astronomy and Astrophysics naturally divides itself into two parts:

1. Work at the University, comprising: (a) elementary instruction in general Astronomy, both theoretical and practical; (b) preliminary training in the principles and methods of work underlying the science of Astrophysics, given in part in the undergraduate and graduate courses offered by the Department of Physics; (c) graduate and research work in Celestial Mechanics and Practical Astronomy.

2. Graduate and research work in Practical Astronomy and Astrophysics in the Yerkes Observatory at Lake Geneva.

In the work at the University, given by Assistant Professors Laves and Moulton, special emphasis will be laid on the development of the mathematical methods and principles which lie at the basis of the physical sciences. In addition to the annual courses in Descriptive Astronomy, Introduction to Celestial Mechanics, Spherical and Practical Astronomy, Orbits and Ephemerides, and Analytical Mechanics, courses in the various branches of Celestial Mechanics will be given within periods not exceeding three years. The most fundamental subjects will be arranged in a cyclic manner so as to recur at regular intervals, while other more special topics will vary from time to time.

The general object of the instruction will be: (1) to furnish the student an adequate mathematical basis for successful work in Celestial Mechanics; (2) to give such experience and preliminary training in the

* On leave of absence, 1905-6.

work of observation and reduction as will enable the student to use intelligently and skilfully any of the astronomical or astrophysical instruments of a modern observatory; (3) to direct research work in Celestial Mechanics.

In the work at the Observatory, attention will be devoted both to the investigations of Practical Astronomy and to those of Astrophysics. The rapid development of the latter science within the last few years has been fully recognized and amply provided for in the design of the Observatory and in its instrumental equipment. The special laboratory facilities will render possible many astrophysical investigations which are necessarily neglected in other institutions. The Observatory will be open to those students only who have completed the necessary preliminary work at the University or its equivalent at other institutions.

Undergraduate students, in the S.B. course, who desire to specialize along the line of Astronomy, are recommended to take *six Majors* in Mathematics, viz.: Differential and Integral Calculus 3; Solid Analytic Geometry 1; Advanced Integral Calculus 2; and *four Majors* in Astronomy, viz.: Analytic Mechanics I and II and Spherical and Practical Astronomy I and II.

Graduate students working for the Master's degree are recommended to choose *three Majors* in the Department of Mathematics, viz.: Differential Equations, 1; Theory of Equations, 2; or in the Department of Physics, viz.: Advanced General Physics 3; and *six Majors* in the Department of Astronomy.

Candidates for the degree of Doctor of Philosophy are expected to make their secondary subject either Mathematics or Physics. Students intending to specialize in the lines of Astrophysics will be required to take the work in Theoretical Physics, Advanced Experimental Physics, Sound and Light, and Physical Manipulation.

Graduate Scholarships, Fellowships, and Docentships, will be assigned in accordance with the general regulations of the University. Details regarding the appointment of Volunteer Research Assistants and Special Investigators at the Yerkes Observatory may be found on p. 120 of this *Register*.

The Departmental Club meets fortnightly on Fridays at 4:00 P.M. in the Ryerson Physical Laboratory, Room 35, for the review of memoirs and books, and for the presentation of results of research. The Club is conducted by the members of the Faculties of Mathematics and Mathematical Astronomy. Graduate students of Mathematical Astronomy are expected to attend regularly and, so far as possible, to participate actively in the meetings of the Club.

The Department of Astronomy at the University occupies at present rooms on the third floor of the Ryerson Physical Laboratory. For the purpose of instruction in Practical Astronomy a Students' Observatory, consisting temporarily of two small buildings, has been provided west of the quadrangles.* It is equipped with a modern Warner and Swasey equatorial telescope of 6½-inches aperture, provided with a filar micrometer with position circle, a modern Bamberg transit instrument of 3 inches aperture, a Bamberg universal instrument, a Riefler sidereal clock, a chronometer, and various smaller accessories. The laboratory courses offered by the Department of Physics afford excellent preliminary training for the work in Astrophysics.

The Astronomical Library is open to Graduate students under the same conditions as the Mathematical Library, with which it is associated. The Astronomical Library includes many of the fundamental works on Astronomy, several sets of annals, and a number of journals.

A description of the Yerkes Observatory at Lake Geneva and its equipment will be found on p. 119 of this *Register*. The publications of the Department are enumerated in the description of the Observatory.

COURSES OF INSTRUCTION

At the University

JUNIOR COLLEGE COURSES

3. **Descriptive Astronomy.**—An elementary course, dealing with fundamental facts, principles, and methods. Frequent access to the Observatory.

Mj. Summer Quarter; 7:00

ASSISTANT PROFESSOR MOULTON

4. **Surveying.**

Prerequisite: *Plane Trigonometry*.

Mj. Spring Quarter; 7:30
ASSISTANT PROFESSOR LAVES

Mj. Spring Quarter; 2:00–4:00
ASSISTANT PROFESSOR LAVES

*Room 1 of Ellis Hall serves as an office and computing room.

SENIOR COLLEGE COURSES

5. Analytic Mechanics.

An introductory course.

Mj. Autumn Quarter; 9:30

ASSISTANT PROFESSOR LAVES

Prerequisite: *Differential and Integral Calculus*.

7. Spherical and Practical Astronomy.—An introductory course. W. W. Campbell's *Practical Astronomy* (Macmillan, 2d ed.) is used as a textbook, with ample references to Brünnow's, Chauvenet's, and André's more extended texts. Observations with the 1½-inch Theodolite, the 3-inch Transit instrument, and the 6½-inch Equatorial are conducted in the Students' Observatory.

Mj. Spring Quarter; 11:00

ASSISTANT PROFESSOR LAVES

8. Spherical Trigonometry.

Mj. Winter Quarter; 11:00

ASSISTANT PROFESSOR LAVES

9. Observatory Work.—Practice with the Equatorial, Theodolite, and Transit instruments in the Students' Observatory.

DMj or Mj

Summer Quarter; 11:00 and Evening Sessions.

ASSISTANT PROFESSOR LAVES AND —

Prerequisite: *Courses 5 and XVII, 1-2*.

11. History of Physical Theories.

Mj. Spring Quarter; 8:30

ASSISTANT PROFESSOR MOULTON

GRADUATE COURSES

22. Introduction to Celestial Mechanics I.—Central forces; demonstration of law of gravitation, problem of two bodies; the ten integrals of planetary motion; considerations on perturbations; Helmholtz theory of the heat of the sun.

Mj. Winter Quarter; 9:30

ASSISTANT PROFESSOR MOULTON

Prerequisite: *Course 5*.

23. Introduction to Celestial Mechanics II (Determination of Orbits and Special Perturbations).—Properties of conic section motion; determination of two geocentric distances from the observations; determination of elements, and methods of improving them; variations of elements; perturbations of rectangular and polar co-ordinates; numerical differentiation and integration.

Mj. Spring Quarter; 9:30

ASSISTANT PROFESSOR MOULTON

27. Principal Theories of Planetary Motion.

Mj. Summer Quarter; 8:00

ASSISTANT PROFESSOR MOULTON

28. Secular Perturbations.

Mj. Winter Quarter; 9:30

ASSISTANT PROFESSOR LAVES

35. Lunar Theory I and II.

Mj. Autumn and Winter Quarters; 8:30

ASSISTANT PROFESSOR MOULTON

At the Yerkes Observatory

In the work at the Yerkes Observatory the advanced student is made familiar with modern methods of research in various branches of Practical Astronomy and Astrophysics. In general, the work in progress during the year 1906-7 will probably include: researches in solar physics with the spectroscope, spectroheliograph, and photoheliograph; micrometric observations of double stars, planets, satellites, nebulae, and comets; photographic studies of stellar spectra and determinations of motions in the line of sight; photography of star clusters, nebulae, etc.; photographic investigations of stellar parallax; photometric observations; special astrophysical researches. The opportunity of taking part in these investigations is deemed of more advantage to the qualified student than set courses of instruction, but regular programmes of work, with courses of collateral reading, will be laid out as conditions may require. Graduate students wishing to take practical work at the Observatory should first consult the Director of the Yerkes Observatory, Williams Bay, Wis., and obtain his approval.

XIX. THE DEPARTMENT OF PHYSICS

OFFICERS OF INSTRUCTION

ALBERT ABRAHAM MICHELSON, Ph.D., Sc.D., LL.D., F.R.S., *Professor and Head of the Department of Physics.*

CHARLES RIBORG MANN, Ph.D., *Assistant Professor of Physics.*

ROBERT ANDREWS MILLIKAN, Ph.D., *Assistant Professor of Physics.*

CARL KINSLEY, A.M., M.E., *Assistant Professor of Physics.*

HENRY GORDON GALE, Ph.D., *Instructor in Physics.*

GEORGE WINCHESTER, S.B., A.B., *Lecture Assistant in Physics.*

WILLIAM RICHARDS BLAIR, S.B., *Laboratory Inspector.*

FELLOWS, 1906-7

PHILIP FITCH, A.B.

ALBERT ELI MERRILL, A.B.

JOHN KUEHNE, S.M.

INTRODUCTORY

Within the last twenty years the teaching and practice of Physics has undergone a revolution more complete than that of any of its sister sciences. This result may be attributed, to a very great extent, to the enormous development of its applications to electrical industries. No other industrial application since the invention of the steam-engine has so enhanced the appreciation of the importance of exact knowledge, or given a greater impetus to the search for new truths in the unexplored regions on the borderland of science.

So closely interwoven are the advances in pure science and its applications that it is difficult to say which has been of greater service to the other, but it is evident that it is as ill-advised to ignore the powerful stimulus furnished by the practical development of scientific ideas as it is to belittle the influence which theoretical and experimental science have had on the world's material prosperity.

While it is never safe to affirm that the future of Physical Science has no marvels in store even more astonishing than those of the past, it seems probable that most of the grand underlying principles have been firmly established, and that further advances are to be sought chiefly in the rigorous application of these principles to all the phenomena which come under our notice.

It is here that the science of measurement shows its importance—where quantitative results are more to be desired than qualitative work. An eminent physicist has remarked that the future truths of Physical Science are to be looked for in the sixth place of decimals.

In order to make such work possible, the student and investigator must have at his disposal the methods and results of his predecessors, must know how to gauge them, and to apply them to his own work; and especially must he have at his command all the modern appliances and instruments of precision which constitute a well-equipped laboratory—without which results of real value can be obtained only at immense sacrifice of time and labor.

The science of Astronomy appeals far more powerfully to most people than does Physical Science, which, indeed, to many is scarcely known even by name. The former is as old as history. Its wonders have compelled the attention of mankind from the earliest ages, and it is but a natural consequence that at the present day no important city in the civilized world is without a richly endowed observatory, where a trained corps of astronomers are able to study the phenomena of the life of suns and worlds, and their distribution in time and space.

It is only in very recent times that it has begun to dawn upon the mind of man that there is another world only one degree less complex and wonderful than the stellar universe—the world of molecules and atoms. For the study of these almost infinitesimal systems of pigmy stars we have no telescope nor even microscope to help us; but little by little we are constructing a powerful logical engine which is destined one day to bring the evolutions, rotations, and oscillations of these minute orbs as clearly to the mind's eye as are now the motions of the worlds of the greater, visible universe.

It may be said that this is, in fact, our chief problem—the constitution of matter; and while ultimately this is, and must always be, beyond the scope of our powers, it is as legitimate and worthy an object to extend our knowledge step by step in this direction as to increase our knowledge of the structure of the sidereal universe, even though this can never be completely fathomed.

As in the case of Astronomical observatories the work, while chiefly devoted to furthering the interests of pure science, is nevertheless consistent with the furnishing of valuable information of immediate practical utility, so a Research Laboratory, while carefully preserving its chief and essential feature, may be still practically useful in furnishing authoritative measurements of standards of length, mass, and time, calibration of thermometers, pressure-gauges, comparison of standards, of resistance, electro-motive force, capacity, self-induction, etc.

It is hoped that this outline of the aims and ends of a Physical Research Laboratory, partial and incomplete though it be, may justify the hope and belief that the generosity of the founder of the University and the donor of the Ryerson Physical Laboratory will be supplemented by many other liberally minded men, equally disposed to further so worthy a cause.

In the enthusiasm which inevitably accompanies the work of the investigator, that of the instructor will not be ignored; indeed, it is confidently expected that these two functions will mutually assist each other.

The courses of instruction to be given in the Department of Physics, it is believed, are sufficiently varied to suit the requirements of all classes, including those who desire simply to complete a general education, or to undertake the subject as a disciplinary study; those who wish to pursue it as a preliminary to its application to mechanical, electrical, or civil engineering; or those who intend to make it their life-work.

In each case every opportunity will be taken to present the subject in such a way as to impress the student with the reality of the principles and laws expounded by well-chosen experiments, performed by the instructor and whenever possible by the student himself.

A feature on which considerable stress will be laid is the repetition of the classical experiments of eminent investigators by those Graduate students who are able to undertake them.

It is believed that by this means a great deal of valuable experience will be gained, without the vexatious annoyances encountered in entering upon an original investigation, before having the benefit of such preliminary training.

The University grants each year a limited number of Fellowships and Graduate Scholarships. Detailed information concerning these appointments is found on p. 66.

For a description of the Ryerson Physical Laboratory, see p. 118 of this *Register*.

COURSES OF INSTRUCTION

JUNIOR COLLEGE COURSES

1. **Elementary Physics.**—A first course in the elements of Physics. (See prerequisite to Course 3.)

Mj. Autumn Quarter

Class work 11:00-12:00. Mon., Tues., Wed.

Laboratory 11:00-1:00. Thurs., Fri.

DR. GALE

2. **Elementary Physics.**—A continuation of the preceding course.

Mj. Winter Quarter

Class work 11:00-12:00. Mon., Tues., Wed.

Laboratory 11:00-1:00. Thurs., Fri.

DR. GALE

3. **Mechanics, Molecular Physics, and Heat.**—A general course in mechanics, molecular physics and heat, presented mainly from the experimental standpoint.

10 hrs. a week. Mj.

Summer Quarter—

10:30-12:30 ASSISTANT PROFESSOR MANN

Autumn Quarter—

Sec. a, 8:30-10:30

ASSISTANT PROFESSOR MANN

Sec. b, 11:00-1:00

ASSISTANT PROFESSOR MILLIKAN

Sec. c. 2:00-4:00

ASSISTANT PROFESSOR KINSLEY

Winter Quarter—

8:30-10:30

DR. GALE

Prerequisite: *Entrance Physics or Physics 1 and 2.*

4. **Electricity and Light.**—A general course in electricity and light, presented mainly from the laboratory standpoint.

Mj. Summer Quarter; 8:00-10:00

ASSISTANT PROFESSOR MILLIKAN

Mj. Winter Quarter—

Sec. a, 8:30-10:30

ASSISTANT PROFESSOR MILLIKAN

Sec. b, 11:00-1:00

ASSISTANT PROFESSOR MANN

Mj. Spring Quarter; 8:30-10:30

ASSISTANT PROFESSOR KINSLEY

5. **Lecture Demonstration Course.**—A course of lectures and demonstrations in which the most

important principles of Physics not treated in Courses 3 and 4 are presented from the lecture standpoint, recent discoveries and developments in Physics being given especial attention.

5 hrs. a week. Mj. Spring Quarter; 9:30

DR. GALE

with occasional lectures by

PROFESSOR MICHELSON

SENIOR COLLEGE COURSES

11. **Heat and Molecular Physics.**—A lecture course for advanced and Graduate students, covering the Kinetic Theory, Capillarity, Elementary Thermodynamics, Solution, and Electrolysis.

Mj. Winter Quarter; 11:00

ASSISTANT PROFESSOR MILLIKAN

Prerequisite: *General Physics, 3, 4, and 5.*

12. **Light.**—A lecture course for advanced and Graduate students covering, the more important sections of geometrical and physical optics.

5 hrs. a week. Mj. Spring Quarter; 8:30

ASSISTANT PROFESSOR MANN

Prerequisite: *Physics 3, 4, and 5.*

13. **Electricity and Magnetism.**—A course of advanced work in theoretical Electricity and Magnetism, intended to supplement the work in General Physics or prepare for the graduate work.

5 hrs. a week. Mj. Spring Quarter; 11:00

ASSISTANT PROFESSOR KINSLEY

Prerequisite: *Physics 3 and 4.*

14. **The Pedagogy of Physics.**—A course designed for teachers of Physics in high schools, consisting of lectures and discussions upon choice of subject-matter and methods of presentation best suited to elementary courses in Physics.

5 hrs. a week. M. Summer Quarter; First Term; 1:30.

ASSISTANT PROFESSOR MILLIKAN

15. **Mechanics and Wave Motion.**—A lecture course on the physical meaning and the mathematical derivation of the fundamental equations of Mechanics and Wave Motion.

4 hrs. a week. Mj. Autumn Quarter; 8:30

DR. GALE

Prerequisite: *Physics 3 and 4.*

16. **Experimental Physics (Advanced).**—*Molecular Physics and Heat.*—A course of advanced laboratory work involving the determination of vapor pressures and densities, co-efficients of friction of gases and liquids, molecular electrical

conductivities, freezing and boiling points, latent and specific heats, etc.

10 hrs. a week. Mj. Spring Quarter; 8:30-10:30.

ASSISTANT PROFESSOR MILLIKAN

Prerequisite: *Physics 3 and 4.*

17. **Experimental Physics (Advanced).**—*Light.* A course of advanced laboratory work in Light, consisting of accurate measurements in diffraction, dispersion, interference, and polarization.

10 hrs. a week.

Mj. Winter Quarter; 8:30-10:30

ASSISTANT PROFESSOR MANN

Prerequisite: *Physics 3, 4, and 5.*

18. **Experimental Physics (Advanced).**—*Electricity and Magnetism.* Laboratory work of the same grade as Courses 16 and 17, but consisting of measurements in Electricity and Magnetism.

10 hrs. a week.

Mj. Autumn Quarter; 8:30-10:30

ASSISTANT PROFESSOR KINSLEY

Prerequisite: *Physics 3, and 4.*

21. **Analytic Mechanics.**—An introductory course (cf. Astronomy 5).

Mj. Autumn Quarter; 9:30

ASSISTANT PROFESSOR MOULTON

25. **The Presentation of General Physics From the Historical Standpoint.**—A lecture demonstration course illustrating the historical method of presentation, together with discussions of the advantages of that method and the principles that may guide teachers in its use.

Mj. Summer Quarter; 9:00

ASSISTANT PROFESSOR MANN

26. **Physical Science in Civilization.**—A discussion of the part played by science in the development of civilization, and of its position and function in modern life.

Mj. Autumn Quarter; 11:00

ASSISTANT PROFESSOR MANN

GRADUATE COURSES

- 34, 35, 36. **Theoretical Physics.**—A series of lectures chiefly in Theoretical Physics, Hydrodynamics, Elasticity, Capillarity, Molecular Physics, Thermodynamics, Wave-motion, and Sound. Optical Theories, Electricity and Magnetism. 4 hrs. a week.

Mj. Autumn Quarter; 12:00

Mj. Winter Quarter; 12:00

Mj. Spring Quarter; 12:00

PROFESSOR MICHELSON

Prerequisite: *Physics 11, 12, and 13.*

- 37, 38, 39. **Experimental Physics.**—A course of laboratory work, chiefly devoted to the repetition of classical experiments, such as: Determination of the Mechanical Equivalent of Heat, Maxwell's "V" Hertzian Oscillation, Relative and Absolute Wave-lengths, etc. Mj. 10 hrs. a week
Autumn, Winter, Spring Quarters
PROFESSOR MICHELSON
AND ASSISTANT PROFESSOR MANN
Prerequisite: *Physics, 16, 17, and 18.*
- 40, 41, 42, 43. **Research Course.**—This course is intended for those Graduate students who are prepared to undertake special research. Except in the case of a purely mathematical problem, the entire time is to be devoted to work in the laboratory.
20 hrs. a week. Every Quarter.
DMj. Summer Quarter
ASSISTANT PROFESSOR MANN
3DMj. Autumn, Winter, and Spring Quarters
PROFESSOR MICHELSON
AND ASSISTANT PROFESSOR MANN
48. **Spectrometry.**—Laboratory work in photographing and measuring the spectra of various elements. Use of the concave grating echelon and interferometer. Mj. Spring Quarter
DR. GALE
51. **Thermodynamics.**—Lectures upon the fundamental principles underlying the mechanical theory of heat and the application of these principles to physical and thermochemical problems.
5 hrs. a week. Mj. Autumn Quarter; 2:00
ASSISTANT PROFESSOR MILLIKAN
52. **Electron Theory.**—A course of graduate lectures covering the work of the last ten years on the electrical properties of gases; the electron theory, and radioactivity.
5 hrs. a week. Mj. Summer Quarter; 10:30
Mj. Spring Quarter; 8:30
ASSISTANT PROFESSOR MILLIKAN
53. **Experimental Electricity.**—A laboratory course in practical electricity involving a study of dynamos, motors, and transformers. 10 hrs. a week.
Mj. Summer Quarter; 2:30-4:30
ASSISTANT PROFESSOR KINSLEY
54. **Electric Waves.**—A discussion of the theory of the generation and detection of electric waves, of stationary waves on wires, and of electric resonance. 5 hrs. a week.
ASSISTANT PROFESSOR KINSLEY
[Not to be given in 1906-7]
57. **The Theory of Alternating Currents.**—A discussion of the distribution of alternating currents in stationary wires, including transformers and long distance circuits, and of dynamos and induction and synchronous motors.
Mj. Summer Quarter; 1:30
ASSISTANT PROFESSOR KINSLEY

XX. THE DEPARTMENT OF CHEMISTRY

OFFICERS OF INSTRUCTION

- JOHN ULRIC NEF, PH.D., *Professor and Head of the Department of Chemistry.*
ALEXANDER SMITH, PH.D., *Professor and Director of General and Physical Chemistry.*
JULIUS STIEGLITZ, PH.D., *Professor of Chemistry.*
HERBERT NEWBY MCCOY, PH.D., *Assistant Professor of Physical Chemistry.*
JOHN CHARLES HESSLER, PH.D., *Instructor in Chemistry.*
LAUDER WILLIAM JONES, PH.D., *Instructor in Analytical Chemistry.*
THOMAS BRUCE FREAS, A.B., *Curator.*
WILLIS BOIT HOLMES, PH.D., *Associate in Chemistry.*
EDITH ETHEL BARNARD, S.M., *Associate in Quantitative Analysis.*
OSCAR ECKSTEIN, Sc.D., *Research Assistant in Chemistry.*
ELLIOT SNEEL HALL, PH.D., *Research Assistant in Chemistry.*
- WALTER STANLEY HAINES, A.M., M.D., *Professor of Chemistry, Pharmacy, and Toxicology, Rush Medical College; Professorial Lecturer on Toxicology.*

FELLOWS, 1906-7

IRVING COWEN ALLEN, S.M.

ERNEST ANDERSON, S.M.

KATHERINE BLUNT, A.B.

INTRODUCTORY

Research.—Research students in the University, or coming from other institutions, are encouraged to begin research if, and as soon as, their preparation justifies it. Facilities for research in all lines, whether of inorganic, organic, or physical chemistry, are provided. Special opportunities to pursue entirely independent research work will be given to maturer students who have already obtained the Doctor's degree.

Instruction.—The objects of the instruction are to prepare students (1) to teach in colleges or universities; (2) to teach in secondary schools; (3) to fill positions as technical experts or assistants in chemical industries; (4) to become analysts in commercial or sanitary laboratories. The elementary courses may be taken with advantage by students having none of these ends in view.

Special stress will be placed on thorough preparation and symmetrical development of the student's knowledge. The object of the courses will be not so much to train specialists as to prepare the student to undertake intelligently any and every kind of work of a chemical nature. Those intending to become practical chemists will find a thorough course of purely scientific chemistry the best basis for future specialization in any direction whatever. Those who incline toward inorganic chemistry will be required to do much physical and a considerable amount of organic work; those proposing to become organic chemists will be required to do work in inorganic chemistry of a more advanced nature than that given in the elementary and analytical courses, and some physical chemistry, and so forth.

The degree of Ph.D.: Chemistry as major subject.—The requirements for the degree of Doctor of Philosophy (for general University regulations, see p. 11 of this *Circular*) are:

1. The presentation of a thesis embodying the result of original research in General Inorganic, Organic, Physico-Organic, or Physical Chemistry. This must constitute a real contribution to knowledge, and the work is usually done under the direction of an officer of the Department.

2. Specially thorough and mature knowledge of the branches of Chemistry touched by the thesis, and less thorough but sufficient knowledge of other fundamental branches of the science.

The general requirements for all candidates are as follows: Courses 1-3 (or 1A, 2A), 4*, 6-9, 28A, 28B, and two Majors selected from Courses 10, 11, 13A-13G, 14-16; total twelve Majors, of which eight Majors are undergraduate work.

Special requirements in addition to the above, arranged according to the thesis subject, are as follows:

General Chemistry: Courses 25-27, 20 or 31, and two Majors taken from Courses 13, 14, 15, 16, 19, 21, 22, 29-32; total, six Majors.

Organic Chemistry: Courses 6, 20-22, 25, and one Major from 10, 13, 19, 26, 27, 29-32; total, six Majors.

Physico-Organic Chemistry: Courses 15, 20, 21, 25, and 22 or 31, and one Major taken from Courses 10, 13, 19, 26, 27, 29-32; total, six Majors.

Physical Chemistry: Courses 25, 26, 31, 32, and two Majors taken from Courses 10, 13, 14, 16, 19, 20-22, 27; total, six Majors.

In addition to one set of these specific requirements, at least six half-Majors will be chosen from the special lecture courses, 23, 29, 30, 34-38, 40, 42. The research work will require from four to six Quarters.

3. Sufficient work in one or two minor subjects. For instance, if Physics is a minor subject, two years of College Physics, Courses 1, 2, 3, and three of the Courses 11, 12, 13, 16, 17, 18. In addition to the regular minor subject, all candidates are advised to take mineralogy and crystallography (about $\frac{1}{2}$ Mj).

4. A reading knowledge of French and German is required of candidates for higher degrees.

The degree of Ph.D.: Chemistry as secondary subject.—When Chemistry is a secondary subject, the requirement is determined after conference with the Head of the Department in which the major work is done. In the past it has consisted of Courses 1, 2, 3, 6, 7, 8, or their equivalent, together with elementary Physical Chemistry (28A and 28B) or Organic Chemistry, according as the major subject belonged to the Physical or the Biological Group.

* Course 4 may be omitted when advanced lecture and laboratory work in Organic Chemistry is taken.

The Master's degree.—For the specialist Master's degree a dissertation and seven Majors of graduate work in Chemistry are required. These must be selected from Courses 10 to 42, with the approval of the Head of the Department. Courses prerequisite to these must be taken, but cannot be counted in reckoning the seven required Majors. For the non-specialist degree the selection may be made from Courses 8 to 42, with the approval of the Heads of the three Departments concerned.

Special students.—Special or unclassified students, not candidates for a degree, will be received, but in every case they will be required to give evidence, satisfactory to the instructors in the different branches, that their previous training has been sufficient to enable them to derive full profit from the courses they propose to take.

Preparation for teaching.—While students who have not taken the work required for the Doctor's or Master's degree are not usually recommended for college or university positions, the degree of bachelor, with a sufficient amount of work in Chemistry, is at present considered preparation for teaching in secondary schools. In general the work in Chemistry should include Courses 1, 2, 3, 4, 6, 7, 8, 28A, 28B, and 40, or their equivalent, as well as work in the College of Education (see the *Annual Register* for 1905-6). The prospective teacher should secure preparation to teach at least one science besides Chemistry.

Preparation for technical positions.—1. The thorough scientific training in all branches of Chemistry required for the Ph.D. degree forms the best basis for a future career as a chemical expert in any branch of chemical industry. With this preparation, the principles and details of technical processes are quickly grasped, advances in industrial processes are intelligently followed, and newly discovered principles are readily applied.

2. Students who have taken from ten to fifteen Majors of work in the Department are able to fill satisfactorily positions as assistants in technical and analytical laboratories, and after some practical experience to advance to positions of independent responsibility. Students should take at least Courses 1 to 10, inclusive, and one or two Majors in Courses 13A-13G. If possible, Courses 28A and 28B and, according to the choice of work in Organic or Inorganic Chemistry, two or three courses selected from Nos. 12, 14-16, 20-22, 25-27 should be taken in the interest of a broader and more thorough preparation. Students taking such a preparation are given the preference in answering requests received by the Department. Students taking the less complete training mentioned above, however, are also sought by technical firms.

3. The Department gives, with other Departments (notably Physics and Mathematics) of the University and the Department of Manual Training of the University High School, the equivalent of three years of a four years' course in Chemical Engineering. Students are able to take a large part of this work in the purely scientific fundamental branches while candidates for a Bachelor's degree.

Recommendation of Students to Positions.—The Department of Chemistry does not undertake to secure positions for those who have studied in it, but as a matter of fact, worthy students find suitable places quickly, and in the past the demand for chemists of all the kinds mentioned above has far exceeded the supply.

University Fellowships yielding an income of \$320 or \$520 annually are open to Graduate students in Chemistry. A Fellowship in Chemistry has been endowed since 1901 by Mr. Berthold Loewenthal, of Chicago, as a memorial of his son Joseph B. Loewenthal; it yields an annual income of \$420.

The Departmental Library is equipped with an almost complete list of periodicals, past and current, necessary for prosecuting research; it also possesses a large number of reference and handbooks.

A number of general scientific journals and many of the proceedings of learned societies are received in the General Library.

One Senior College and one Graduate Scholarship are awarded yearly in accordance with the general regulations of the University, to two students graduating from the Junior and Senior Colleges respectively.

COURSES OF INSTRUCTION

PRIMARILY FOR THE JUNIOR COLLEGES

1. General Inorganic Chemistry, I.

Classroom, 6 hrs. a week, 10:30.

Laboratory, 12 hrs. a week, 1:30-4:30.

DM. First Term, Summer Quarter

PROFESSOR SMITH AND DR. JONES

Classroom, 3 hrs. a week, 12:00.

Laboratory, 6 hrs. a week.

Mj. Autumn Quarter

PROFESSOR SMITH

Prerequisite: *Preparatory Physics*.

2. General Inorganic Chemistry, II.—Continuation of

Course 1. Hours as in Course 1.

DM. Second Term, Summer Quarter.

PROFESSOR SMITH AND DR. JONES

Mj. Winter Quarter.

PROFESSOR SMITH

3. General Inorganic Chemistry, III.—Continuation

of Course 2. Hours as in Course 1.

Mj. Spring Quarter

PROFESSOR SMITH

1, 2, 3 are consecutive courses. Separate credit is given for each, but students are not advised to take one course only.

The aim of the continuous Courses 1, 2, 3 will be to give a definite idea of the fundamental principles of chemistry, and not to overburden the student with a mass of unconnected facts. The conception of chemical equilibrium and the modern theory of solutions are freely used. The lectures will be experimental to a considerable extent. The courses are designed to meet the wants not only of those who wish to go deeper into chemistry, but of all who wish to study the science as part of a liberal education.

The lectures and classroom work of 1, 2, and 3 may be taken by Graduate students without the laboratory work or laboratory fee.

2S. General Inorganic Chemistry.—Special Course following Preparatory Chemistry.

Classroom 6 hrs. a week; 10:30.

Laboratory 12 hrs. a week; 1:30–4:30.

DM. First Term, Summer Quarter

PROFESSOR SMITH

Classroom, 3 hrs. a week; 8:30.

Laboratory, 6 hrs. a week.

Mj. Autumn Quarter

ASSISTANT PROFESSOR MCCOY

Prerequisite: *Preparatory Chemistry* and *Physics*, 1 unit each.

3S. General Inorganic Chemistry.—Continuation of Course 2S. Hours as in 2S.

DM. Second Term, Summer Quarter.

Mj. Winter Quarter.

For description see under 3.

Course 2S in the Autumn is specially designed for students offering preparatory chemistry. Course 2 in the Winter is a continuation of Course 1, but may be entered by those having credit for admission chemistry. Whenever, in exceptional cases, the preparation of a student in 2S justifies it, qualitative analysis may be substituted for 3S.

4. Elementary Organic Chemistry.

Classroom 3 hrs. a week; 8:30.

Laboratory work, 6 hrs. a week.

Mj. Autumn Quarter

DR. JONES

Prerequisite: *Course 3, or 3S General Chemistry*.

PRIMARILY FOR THE SENIOR COLLEGES

NOTE.—Courses 6, 7, 8, 9, 10, 11 and 12 are given in the analytical laboratories. The laboratories are open from 8:00 A. M.

to 6:00 P. M. (Saturdays only to 1:00 P. M.). The hours of instruction provide for morning and afternoon sections and will be posted in the laboratory.

Courses 8 and 9 will count toward a Master's or the Doctor's degree when Chemistry is the *secondary* subject.

6. Qualitative Analysis.—Introductory Course.

Mj or DM. 8 or 16 hrs. a week, laboratory.

2 hrs. a week classroom. Lectures, 2:00.

First Term, Summer Quarter

PROFESSOR STIEGLITZ

AND DR. HOLMES

Second Term, Summer Quarter

DR. HOLMES

Autumn Quarter

PROFESSOR STIEGLITZ

Winter and Spring Quarters

DR. JONES

Prerequisite: *Course 3, or 3S.*

The lectures deal with the chemistry of the analytical reactions, and special attention is given to the development and application of the laws of equilibrium and solutions. This course is, in an important sense, one in advanced general chemistry.

7. Qualitative Analysis.—Continuation of Course 6.

Hours as in 6. Mj or DM. Summer Quarter

DR. HOLMES

Autumn Quarter

PROFESSOR STIEGLITZ

Winter and Spring Quarters

DR. JONES

Courses 6, 7, 10 form a continuous course, which may be begun in any Quarter.

The aim of Courses 6, 7, 10 will be to train the student to do intelligent analytical work based on a knowledge of the scientific principles of the subject and to apply and amplify his knowledge of General and Physical Chemistry.

8. Quantitative Analysis.—Introductory Course.

Chiefly laboratory work in gravimetric and volumetric analysis.

Mj or DM. 8 or 16 hrs. a week, laboratory
Lecture 1 hour.

Summer, Autumn, and Spring Quarters.

MISS BARNARD

Winter Quarter

PROFESSOR STIEGLITZ AND MISS BARNARD

Prerequisite: *Qualitative Analysis* (Courses 6 and 7). Medical students will be admitted to the course after having taken Course 6.

9. **Quantitative Analysis.**—Continuation of Course 8. Mj or DM. 10 or 20 hrs. a week, laboratory. Summer, Autumn, and Spring Quarters
MISS BARNARD
Winter Quarter
PROFESSOR STIEGLITZ AND MISS BARNARD
PRIMARILY FOR THE GRADUATE SCHOOL
10. **Advanced Qualitative Analysis.**—Mj or DM. 10 or 20 hrs. a week, laboratory. Summer Quarter
DR. HOLMES
Autumn Quarter
PROFESSOR STIEGLITZ
Winter and Spring Quarters
DR. JONES
Open to College students. Continuation of Courses 6 and 7.
11. **Advanced Quantitative Analysis.**—Mj or DM. 10 or 20 hrs. a week. Summer and Winter Quarters
PROFESSOR STIEGLITZ AND MISS BARNARD
Continuation of Courses 8 and 9. Open to students in the Senior Colleges.
12. **Elementary Spectrum Analysis (Qualitative).**—Emission (flame and electric spark) and absorption spectra of inorganic substances. Chiefly laboratory work. $\frac{1}{2}$ Mj. Winter Quarter
DR. JONES
13. **Special Methods in Quantitative Analysis.**—Chiefly laboratory work.
13A. Electrolytic Methods. $\frac{1}{2}$ Mj or Mj
13B. Special Mineral Analysis. Mj
13C. Water Analysis. $\frac{1}{2}$ Mj
13D. Gas Analysis. $\frac{1}{2}$ Mj
13E. Organic Elementary Analysis. $\frac{1}{2}$ Mj
13G. Iron and Steel Analysis. $\frac{1}{2}$ Mj or Mj
13H. Proximate Food Analysis. $\frac{1}{2}$ Mj or Mj
Summer, Autumn, Winter, and Spring Quarters
PROFESSOR STIEGLITZ AND MISS BARNARD
Prerequisite: *Quantitative Analysis, 8 and 9.*
- 13F. **Assaying.**—Fire-assay of gold, silver, and lead ores. Mj. Spring Quarter
MR. ———
Prerequisite: *General Chemistry, Qualitative and Quantitative Analysis (Courses 8 and 9).*
14. **Organic Chemistry.**—Lectures 3 hrs. a week. Mj. Autumn Quarter; 12:00
PROFESSOR NEF
Prerequisite: *General Chemistry and Qualitative Analysis.*
15. **Organic Chemistry.**—Continuation of Course 14. Mj. Winter Quarter; 12:00
PROFESSOR NEF
16. **Organic Chemistry.**—Continuation of Course 15. M. First Term, Spring Quarter; 12:00
PROFESSOR NEF
Courses 14, 15, 16 form a continuous course, covering the compounds of carbon, including the fatty and the aromatic series. The aim of the course will be to take up very thoroughly the simpler compounds, going with great detail into the chemical behavior, the characteristic reactions, and relationships of the different classes of organic compounds, and considering with great care the synthetic methods by which they can be obtained. Richter's or Bernthsen's *Organic Chemistry* is used as a reference book, but recent literature will, in special cases, be considered in detail.
17. **General Organic Chemistry.**—Fatty and aromatic series. Lectures, 5 hrs. a week. Mj (or M. First Term). Summer Quarter 8:30.
DR. JONES
Prerequisite: *General Chemistry and Qualitative Analysis.*
18. **Elementary Organic Preparations.**—Laboratory work; 10 hrs. a week. This course is arranged to accompany the lectures of Course 17. It may be taken without the lectures by students who have had organic chemistry. $\frac{1}{2}$ Mj or Mj. Summer Quarter
DR. JONES
Prerequisite: *As in Course 17.*
19. **Toxicology.** $\frac{1}{2}$ Mj. Autumn Quarter
PROFESSOR HAINES AND ASSISTANT
- 19B. **Poisons and Their Detection.**—A conference and laboratory course. M. Second Term, Spring Quarter
PROFESSOR HAINES
20. **Organic Preparations.**—Laboratory work, 10 or 20 hrs. a week. Mj or DM. Autumn, Winter, and Spring Quarters.
PROFESSOR NEF
Summer Quarter
DR. JONES
Prerequisite: *Qualitative and Quantitative Analysis, and Organic Chemistry (it may be taken simultaneously in connection with lectures on Organic Chemistry).* A reading knowledge of German is essential.

21. **Organic Preparations.**—Continuation of Course 20. Mj or DM
Autumn, Winter, and Spring Quarters
PROFESSOR NEF
Summer Quarter
DR. JONES
22. **Organic Preparations.**—Continuation of Course 21. Mj or DM.
Autumn, Winter and Spring Quarters
PROFESSOR NEF
Summer Quarter
DR. JONES
23. **Physical Chemistry Applied to Problems in General Chemistry.**
PROFESSOR SMITH
Prerequisite: *College Physics, General Chemistry, and Qualitative Analysis.*
[Not to be given in 1906-7]
24. **Advanced Inorganic Chemistry.**—Two lectures a week on selected topics. $\frac{1}{2}$ Mj.
Winter Quarter
DR. JONES
Prerequisite: *General Chemistry and Qualitative Analysis.*
25. **Inorganic Preparations.**—Laboratory work.
Mj or DM. 10 or 20 hrs. a week
Autumn and Winter Quarters
DR. JONES
Prerequisite: *Qualitative and Quantitative Analysis, and a reading knowledge of German.*
26. **Inorganic Preparations.**—Continuation of Course 25. Mj or DM
Autumn and Winter Quarters
DR. JONES
27. **Inorganic Preparations.**—Continuation of Course 26. Mj or DM
Autumn and Winter Quarters.
DR. JONES
- 28A. **Elementary Physical Chemistry.**—With special reference to Physico-Chemical measurements.
 $\frac{1}{2}$ Mj. Summer and Spring Quarters
ASSISTANT PROFESSOR MCCOY
Prerequisite: *College Physics (Course 1) and Qualitative Analysis (Course 6).*
- 28B. **Practical Physical Chemistry.** $\frac{1}{2}$ Mj or M
First or Second Term, Summer Quarter
ASSISTANT PROFESSOR MCCOY
 $\frac{1}{2}$ Mj. Spring Quarter
ASSISTANT PROFESSOR MCCOY
Prerequisite: *College Physics (Course 1).*
- Quantitative Analysis* (Course 8); Course 28A should accompany or precede this course.
29. **Chemical Dynamics.** $\frac{1}{2}$ Mj. 2 hrs. a week.
Autumn Quarter; 12:00
ASSISTANT PROFESSOR MCCOY
Prerequisite: *Elementary Physical and Organic Chemistry, including laboratory work; the elements of Calculus.*
- 29A. **Chemical Dynamics and Electro-Chemistry.**
Mj. Summer Quarter
ASSISTANT PROFESSOR MCCOY
30. **Electro-Chemistry.**
 $\frac{1}{2}$ Mj. 2 hrs. a week. Spring Quarter
ASSISTANT PROFESSOR MCCOY
Prerequisite: *Elementary Physical Chemistry, including laboratory work; the elements of Calculus.*
31. **Advanced Physical Chemistry.**—Laboratory course. Mj or DM
Summer, Autumn, and Spring Quarters
ASSISTANT PROFESSOR MCCOY
Prerequisite: *College Physics, 1 year.* Course 29 should accompany or precede this course.
32. **Advanced Physical Chemistry.**—Laboratory course. Continuation of Course 31.
Mj or DM. Second Term, Summer Quarter; Autumn and Spring Quarters.
ASSISTANT PROFESSOR MCCOY
33. **Research Work.**—This course will include from 30 to 40 hrs. a week of laboratory work, under the special direction of some one of the instructors in the department. It is expected that research work for a Ph.D. thesis will require 4-6 Quarters, 4-6 DMj.
- 33a. *Research in Organic Chemistry.*—Autumn, Winter, and Spring Quarters.
PROFESSOR NEF
- 33b. *Research in General Chemistry.*—Autumn, Winter, and Spring Quarters.
PROFESSOR SMITH
- 33c. *Research in Organic and Physico-Organic Chemistry.*—First Term, Summer Quarter. Autumn, Winter, and Spring Quarters.
PROFESSOR STIEGLITZ
- 33d. *Research in Physical Chemistry.*—Summer, Autumn, and Spring Quarters.
ASSISTANT PROFESSOR MCCOY
- Before being admitted to Research, a candidate must satisfy the instructors of the Department, by an oral test, or otherwise, that his previous training has been sufficient.

34. **Physical Chemistry Applied to Organic Problems.** Lectures 2 hrs. a week.
 $\frac{1}{2}$ Mj. Winter Quarter
 PROFESSOR STIEGLITZ
 Prerequisite: *Organic Chemistry and Elementary Physical Chemistry.*
35. **The Carbohydrates and the Terpenes (and their derivatives).** Autumn Quarter.
 PROFESSOR STIEGLITZ
 Prerequisite: *Organic Chemistry.*
36. **Organic Nitrogen Derivatives.**—Uric acid series; pyridine, quinone-imides, and phenazine compounds; a discussion of the alkaloids, ptomaines, and organic dye-stuffs. Lectures, 2 hrs. a week.
 $\frac{1}{2}$ Mj. Winter Quarter; 8:30
 PROFESSOR STIEGLITZ
 Prerequisite: *Organic Chemistry.*
37. **Special Chapters of Organic Chemistry.**—Lectures, 4 hrs. a week.
 M. Second Term, Spring Quarter
 PROFESSOR NEF
 Prerequisite: *Organic Chemistry.*
38. **The Aromatic Series.**—Lectures, 2 hrs. a week. Spring Quarter
 DR. HESSLER
 Prerequisite: *Organic Chemistry.*
40. **Training Course in the Teaching of Chemistry.**—This course, for prospective teachers in secondary schools, will include: (1) In autumn, observation of teaching in several schools in the city and reports on the same; (2) in winter, a series of conferences on the didactic of chemistry; (3) in spring, practice-teaching in the University High School and in the Junior Colleges under criticism and supervision.
 $\frac{1}{2}$ Mj. Continued through Autumn, Winter and Spring Quarters.
 PROFESSOR SMITH
 Prerequisite: *Chemistry* 1, 2, 3, 4, 6, 7, 8, 28A, 28B; *Physics* 1, 2, 3, or their equivalents, must precede or accompany this course.
42. **History of Chemistry.**—Two hours a week. Winter Quarter.
 $\frac{1}{2}$ Mj
 DR. HESSLER
 [Not to be given in 1906-7]
44. **The Chemistry of Photography.** $\frac{1}{2}$ Mj
 [Not to be given in 1906-7]
43. **Club Meetings.**—Meetings will be held twice a month. They may be attended by anyone interested, whether connected with the University or not; the subjects for the meetings will be announced at least one week beforehand.
 Summer, Autumn, Winter, and Spring Quarters
 VARIOUS MEMBERS OF THE STAFF

XXI. THE DEPARTMENT OF GEOLOGY

OFFICERS OF INSTRUCTION

THOMAS CHROWDER CHAMBERLIN, Ph.D., LL.D., *Professor and Head of the Department of Geology.*

ROLLIN D. SALISBURY, A.M., LL.D., *Professor of Geographic Geology.*

JOSEPH PAXSON IDDINGS, Ph.B., *Professor of Petrology.*

*RICHARD ALEXANDER FULLERTON PENROSE, JR., Ph.D., *Professor of Economic Geology.*

STUART WELLER, Ph.D., *Assistant Professor of Palaeontologic Geology.*

WALLACE WALTER ATWOOD, Ph.D., *Instructor in Physiography and General Geology.*

HARLAN HARLAND BARROWS, S.B., *Assistant in Physiography and General Geology.*

WILLIAM CLINTON ALDEN, Ph.D., *Docent in Field Geology.*

CHARLES KENNETH LEITH, Ph.D., *Lecturer on Pre-Cambrian Geology (Winter Quarter, 1907).*

FREDERICK LESLIE RANSOME, Ph.D., *Lecturer on Ore Deposits (Winter Quarter, 1907).*

MYRON LESLIE FULLER, *Lecturer on Hydrology (Spring Quarter, 1906.)*

JAMES HENRY LEES, S.M., *Research Assistant, 1905-6.*

THOMAS McDOUGALL HILLS, Ph.B., *Assistant (Summer Quarter, 1905).*

ERNEST DeKOVEN LEFFINGWELL, A.B., *Research Assistant, 1905-6.*

* Absent on leave.

FELLOWS, 1906-7

STEPHEN REID CAPPS, JR., A.B.
FRANK JAMES KATZ, A.B.

OSCAR EDWARD MEINZER, A.B.
WILLIAM JOHN REED, S.B.

INTRODUCTORY

The aim of the Department is to provide systematic training in Geology, including, as constituent sciences, Geography, Mineralogy, Petrology, and the geologic phases of Palaeontology. The endeavor is to furnish this training in such a form as to contribute to a liberal education and at the same time to prepare for professional and investigative work in the science. The cultural purpose predominates in the earlier courses and the investigative and professional in the later, but both have a place in all, and find their realization in a common method of treatment.

The brief synopses of subjects given under the several courses are intended merely to indicate the general line of topics treated. No hard and fast succession of subjects or rigid modes of procedure are contemplated. Full liberty is reserved to modify the courses, or even to change them somewhat radically, in the interests of better adaptation to the attainments, abilities, and desires of the students who present themselves. In the more advanced courses especially, a large measure of individual adaptation is sought, and the courses are held plastic to that end. The scheme of courses rises by a progressive gradation from collective work by classes at the outset to purely individual work at the close.

University Fellowships yielding incomes of from \$320 to \$520 are open to students in Geology, and are assigned yearly in accordance with the University regulations governing Fellowships.

The Department of Geology occupies quarters in the Walker Museum building. The instrumental and illustrative outfit of the Department has been chosen with a view to the greatest effectiveness. A large and careful selection of geographic illustrative material, embracing relief maps, models, transparencies, photographs, lantern slides, and special devices, besides maps and charts, constitutes an exceptionally effective aid to instruction. The collections have been chosen chiefly with reference to effectiveness and serviceability in laboratory and lecture-room work. The collection of fossils gives unrivaled facilities for certain lines of palaeontological investigations. The Field Columbian Museum is located within a few blocks of the University, and its very extensive collections are open without expense to the members of the Department.

A special geological library is maintained for the use of the Department. It is open throughout the day and constitutes a study-room for students. Between the laboratories and the library, facilities are provided whereby the larger part of the student's work may be done within the rooms of the Department, and in intimate association with the members of the geological Faculty. The geological library embraces about 4,500 volumes. Besides standard works it embraces sets of the more valuable reports of scientific societies, official geological reports of the United States, Great Britain, India, and other countries, the state reports, maps, and charts of the United States Coast and Geodetic Survey, and of the United States Geological Survey, as well as many of those of European and other countries. The library is well supplied with files of geologic and geographic journals.

The *Journal of Geology*, a semi-quarterly magazine, devoted to Geology and allied sciences, is published by the Department. The immediate editorship rests with the members of the geological Faculty, but there are associated with them the heads of geological departments in some of the leading American and European universities, together with several official geologists of this and other countries.

I. *The Doctor's degree.*—The courses expected of candidates for a Ph.D. degree are as follows (some undergraduate courses being included):

A. Geology the Major Subject

1. Where General Geology is the major subject, Courses 7, 8, 11, 12, 13, 15, 16, 18, 20, 21, 22, 28, 29, 30, 31, 32, 36, 37, 38, 39, 40, 41, 43, 44, 45, and 46, or their equivalents, together with special work in the line of the thesis.

2. Where Geographic Geology is the major subject, Courses 7, 8, 11, 12, 13, 15, 16, 18, 20, 28, 29, 40, 41, 43, 44, 45, and 46, or their equivalents, Courses 7 and 10 in Geography, together with special work in the line of the thesis; and in addition a general knowledge of Zoogeography and Geographic Botany.

3. Where Petrology is the major subject, Courses 7, 8, 11, 12, 13, 15, 16, 18, 20, 28, 29, 30, 31, 32, 33, 34, 35 (Courses 30-35 being taken as Double Majors), 36, 37, 38, 39, 40, 41, 42, 44, 45, and 46, or their equivalents, together with special work in the line of the thesis; and in addition Mechanical Drawing, General and Molecular Physics, General Inorganic Chemistry, Qualitative and Quantitative Analysis including rock analysis.

4. Where Palæontologic Geology is the major subject, Courses 7, 8, 10, 11, 12, 13, 15, 16, 18, 20, 21, 22, 24, 25, 26 (the last three as Double Majors), 28, 29, 36, 40, 41, 43, 44, 45, 46, or their equivalents, together with special work in the line of the thesis; and in addition Vertebrate Palæontology, General Biology, Field Zoology, General, Field, and Geographic Botany, and Ecology.

In all cases a thorough knowledge of the principles of Physics and Chemistry is presupposed.

B. Geology the Minor Subject

5. Where Geology is the minor subject, nine Majors of work are to be selected from the courses numbered 7 and upward, but these must include Courses 8, 15, 16, and 18.

6. In case Geology is taken as one of two Minors, the candidate is to select from four to six Majors of work from the above courses numbered 7 and upwards, including Courses 15, 16, and 18.

II. *The Master's degree.*—The courses expected of a candidate for a Master's degree, if all his work is taken in the Department, include seven Majors together with a dissertation, the courses to be selected from those numbered 7 and upward. They must include Courses 8, 15, 16, and 18.

In the case of students who have already done a large part of the required graduate work before coming to this University, and who have had much experience in field or laboratory research, the Department endeavors to make a just and reasonable estimate of equivalents, and does not rigidly insist upon the special apportionments of work above indicated.

A special geological library is maintained for the use of members of the Department. It is open throughout the day, and constitutes a study-room for students, to whom the library becomes a literary laboratory.

COURSES OF INSTRUCTION

PRIMARILY FOR THE JUNIOR COLLEGES

1. **Physiography.**—The earth's features, treated with special reference to their origin and significance. Agencies effecting changes in geographic features. Physiographic changes in progress. Genetic geography. This course will also include a brief consideration of the elements of Meteorology and Oceanography.

Mj. Autumn Quarter; 3:00

MR. BARROWS

Mj. Winter Quarter; 12:00

DR. ATWOOD.

Spring Quarter; 8:30

MR. ———

NOTE.—Occasional field trips on Saturday, some of them taking most of the day, are required in the Autumn and Spring Quarters.

Course 1 should be followed without interruption by Course 2

1A. **Physiography.**—The same as Course 1, except that land surfaces only are brought into consideration. The course will have especial reference to North America. (See Course 1, Geography.)

M. First Term, Summer Quarter; 10:30

PROFESSOR SALISBURY

NOTE.—Several field trips on Saturday, some of them taking most of the day, are required.

PRIMARILY FOR SENIOR COLLEGES

2. **General Geology.**—A synoptical course treating of the leading facts and principles of the science and the more important events of geological history; adapted primarily to students not intending to specialize in Geology. Open to students in the Junior Colleges who have had Course 1, or its equivalent.

Mj. Autumn Quarter; 11:00

DR. ATWOOD

Mj. Winter Quarter; 3:00

PROFESSOR SALISBURY

Mj. Spring Quarter; 12:00

MR. ———

2B. **Continental Evolution.**—The history of the development of the North American Continent and its resources. Primarily for teachers of Physiography and Geology.

M. (or DM.) First Term, Summer Quarter; 11:30

PROFESSOR SALISBURY

4. **Physiography of the United States.**—An advanced course in Physiography, with especial reference to the United States. A desirable antecedent to Course 10, Department of Geography.

Prerequisites: *Courses 1 and 2 or their equivalents.*
DR. ATWOOD

Mj. Winter Quarter; 4:00

7. **Field and Laboratory Course.**—Study of the geography and geology of Chicago and vicinity, and of relief, topographic, and geologic maps. The course will include two field trips (one on Saturday) and three laboratory exercises (or lectures) weekly. For teachers, and for those who wish to learn methods of field work. Open to students who have a knowledge of Physiography and elementary Geology. Class limited to 16.

M. Second Term, Spring Quarter; 2:00

MR. ———

M. First Term, Summer Quarter; 1:30

MR. HILLS

Prerequisite: *A general knowledge of Physiography.*

NOTE.—Students taking this course should take no other course in the afternoon, without previous consultation with the instructor.

8. **Field Geology.** (First Course outside of Chicago).—This course is intended to form an introduction to the more specialized professional courses that follow, and to furnish a basis for the teaching of Geography, Physiography, and elementary Geology. It involves training in stratigraphic, surficial, and other field determinations, together with mapping, sketching, and technical description. The field for the First Term of 1906 is the vicinity of Devil's Lake, Wis.; that for the Second Term, the vicinity of St. Croix Dalles, Wisconsin-Minnesota. (See note below.)

3M. First Term, Summer Quarter

DR. ATWOOD

Repeated. Second Term, Summer Quarter

MR. ———

[May not be given Second Term, 1906]

Prerequisites: *Courses 1 and 2 or their equivalents.*

NOTE.—The class of the First Term will start June 18; that of the Second Term, July 30. In both cases, students should be at the University at least one day in advance. Applications for admission to either course should be made early. The classes will be limited to twelve and eight members, respectively. Unless there is urgent demand for it, the course will not be given the Second Term.

10. **Elementary Mineralogy and Petrology.**—This course will include the study of the common rock-making minerals, and of the common rocks.

M. First Term, Summer Quarter; 8:00
Laboratory Work; 8:00-10:00

MR. HILLS

M. First Term, Spring Quarter; 2:00

Laboratory Work; 2:00-4:00

MR. ———

Prerequisites: *The Elements of Chemistry and Physics.*

NOTE.—Class limited to 16.

11. **Introduction to Mineralogy. Physical and Geometrical Crystallography.**—Physical characteristics of crystals. General principles of Crystallography. Projection and construction of figures of crystals. Groth, *Physikalische Kristallographie*, etc. Mj. Autumn Quarter; 9:30

PROFESSOR IDDINGS

Prerequisites: *General College Physics and General College Inorganic Chemistry.*

12. **Descriptive and Determinative Mineralogy.**—Essential characteristics of minerals. Laboratory work in testing minerals by chemical and blow-pipe methods. Mj. Winter Quarter; 9:30

PROFESSOR IDDINGS

Prerequisite: *Course 11.*

FOR SENIOR COLLEGE AND GRADUATE STUDENTS

13. **Vulcanism and Metamorphism.**—Volcanoes and volcanic phenomena, with a discussion of the theories concerning them. Metamorphic processes and the resulting changes in rocks.

Mj. Spring Quarter; 9:30

PROFESSOR IDDINGS

Prerequisites: *Courses 12 and 16.*

15. **Geographic Geology.**—The origin, development, and destruction of geographic features. The agents and processes involved. Contemporary geological formations. Significance of landscape contours and geographic outlines. Geophysiography. Mj or DMj. Autumn Quarter; 2:00

PROFESSOR SALISBURY

MR. BARROWS, assisting in Laboratory
Course 15 should be followed by Course 16.

Prerequisites: *Courses 1, 2, General Chemistry, and General Physics. Course 8 is a desirable antecedent though not a prerequisite.*

NOTE.—Students intending to specialize in Geology should take this course as a DMj. Occasional field trips on Saturday, some of them taking most of the day, are required.

- 15A. **Advanced Physiography.**—A course similar to the above, but briefer. M or DM

First Term, Summer Quarter, 10:30

PROFESSOR SALISBURY

[Not to be given in 1906]

- 16. Structural Geology and Continental Evolution.**
This course is based primarily on the physical history of the North American continent.

Mj or DMj. Winter Quarter; 2:00

PROFESSOR SALISBURY

MR. BARROWS assisting in Laboratory

Prerequisites: *Courses 10 or 12, and 15.* This course should be followed by Course 18.

NOTE.—Students specializing in Geology should take this course as a DMj.

- 17. Topographic Surveying.**—The making of topographic maps. Principles; Practice.

Spring Quarter

[May not be given in 1907]

- 18. Geologic Life Development.**—A study of the introduction and succession of the ancient forms of life in their geologic relationships, constituting historical Geology studied on the life side.

Lectures: Mon., Wed., Fri., 2:00.

Laboratory: Tues., Thurs., 2:00-4:00.

Mj. Spring Quarter; 2:00

ASSISTANT PROFESSOR WELLER

Prerequisite: *Systematic Zoölogy and Botany, and Courses 15 and 16.*

- 19. Teachers' Course.**—A course for teachers of Physiography. The principles and the methods of Physiography in secondary schools, and the selection of material to be presented.

M. First Term, Summer Quarter; 11:30

PROFESSOR SALISBURY

Prerequisite: *Elementary Physiography and Elementary Geology.*

[Not to be given in 1906]

- 20. Field Geology (Second Course).**—Advanced field work, involving the systematic investigation of a formation or an area. A formal report, as nearly as practicable in conformity with the approved methods of official geological reports, is required. The work may be prosecuted during the months of July, August, and September. In all cases, the arrangements must be individual, and the fields will be selected according to the needs of the student. The former glaciation in selected mountain regions of the west, and the drift formations in selected areas in Wisconsin, will be the special topics.

3M. Second Term, Summer Quarter

PROFESSOR SALISBURY AND DR. ALDEN

Prerequisite: *Courses 8, 10, 15, and 16, or their equivalents.*

- 20A. Field Geology (Second Course).**—This course involves the systematic investigation of an area in the Mississippi valley, largely in Calhoun County, Illinois. Special attention being given to the stratigraphic and structural features of sedimentary formations, and to the use of fossils in the interpretation of stratigraphy. Four weeks will be spent in the field (September 3-29 inclusive), and the course will be completed by the subsequent preparation of a written report.

3M (during September)

ASSISTANT PROFESSOR WELLER

Prerequisites: *Courses 8, 15, 16, and 18, or their equivalents.*

NOTE.—Application for this course should be made by August 1.

PRIMARILY FOR GRADUATE STUDENTS

- 21. Paleontologic Geology.**—A study of the hard parts of invertebrate animals preserved as fossils, their classification, and their geologic and geographic distribution; followed by special class study of the life of a selected geologic period. Lectures and laboratory work.

Mj. Winter Quarter; 3:00-5:00

ASSISTANT PROFESSOR WELLER

Prerequisite: *Course 2 or its equivalent.*
Desirable antecedents: *Courses 15 and 16.*

- 22. A continuation of Course 21.**

Mj. Spring Quarter

ASSISTANT PROFESSOR WELLER

- 24, 25. Special Paleontologic Geology.**—Chiefly individual work on the life of special geological periods or formations, or on other selected themes in historical or applied Paleontology.

Mj or DMj. Winter and Spring Quarters
Hours arranged to suit individual students.

ASSISTANT PROFESSOR WELLER

- 27. Continental Evolution.**—A comparative study of continents other than North America.

Mj. Autumn Quarter; 3:00

PROFESSOR SALISBURY

Prerequisite: *Courses 8, 16, and 21.*

- 28. Economic Geology.**—A discussion of the nature, occurrence, and uses of non-metallic mineral resources.

M. Winter Quarter

Prerequisite: *Same as for Course 29.*

[Not to be given in 1907]

29. **Economic Geology.**—A discussion of the nature and distribution of ore deposits and of the principles of ore deposition.

M. Second Term, Winter Quarter
MR. RANSOME

Prerequisite: *Courses 12 and 16; Inorganic Chemistry and Physics.*

- 30, 31, 32. **Petrology.**—Megascopical and microscopical characters of rocks; mineral and chemical composition; origin and classification.

Mj or DMj

Autumn, Winter, and Spring Quarters; 3:00

PROFESSOR IDDINGS

Prerequisite: *Course 12.*

These courses may be taken as Majors or Double Majors, according to the amount of laboratory work.

- 33, 34, 35. — **Special Petrology.** Chiefly individual work in advance of Courses 30, 31, 32.

Mj or DMj. Autumn, Winter, and Spring Quarters. Hours arranged to suit individual students.
PROFESSOR IDDINGS

36. **Pre-Cambrian Geology.**—The nature and the distribution of the rocks, and the nature of the problems involved; structural and metamorphic changes.

M or DM. First Term, Winter Quarter

PROFESSOR LEITH

Prerequisite: *Courses 16 and 30.*

37. **Petrology of Metamorphic Rocks.**—A laboratory course accompanying Course 36.

M or DM. First Term, Winter Quarter

PROFESSOR LEITH

Prerequisite: *Courses 16, 30, and 31.*

38. **Ore Deposits (Advanced Course).**—A discussion of the origin of a selected class of ore deposits, and of the chemical processes involved in their

formation. The class of ores selected will vary from year to year.

M or DM. Second Term, Winter Quarter

MR. RANSOME

Prerequisite: *Courses 13, 16, 29, 30, and Chemistry.*

39. **Building Material.**—An advanced course on building stone, clays, cements, etc.

M. First Term, Winter Quarter

Prerequisite: *Courses 16, 28, and 30.*

[Not to be given in 1907]

- 40, 41. **Principles and Theories of Geology.**—Critical discussions of principles, fundamental theories, modes of interpretation, and working hypotheses in their application to the leading questions of geological history.

2Mj. Autumn and Spring Quarters; 4:00

PROFESSOR CHAMBERLIN

Prerequisite: *Courses 15 and 16, or their equivalents, the elements of Paleontology and Petrology, and their antecedents.*

- 43, 44, 45. **Special Geology.**—Chiefly individual work on selected themes under the personal supervision of the professors in charge.

Summer, Autumn, Winter, and Spring Quarters.

PROFESSORS CHAMBERLIN, SALISBURY,
IDDINGS, AND WELLER

46. **Field Geology (Third Course).**—This contemplates thorough and systematic work in close conformity to official standards, and, as nearly as possible, individual and independent. The course may form the basis for a Doctor's thesis.

Summer Quarter

PROFESSORS CHAMBERLIN, SALISBURY,
IDDINGS, AND WELLER

XXI A. THE DEPARTMENT OF GEOGRAPHY

OFFICERS OF INSTRUCTION

ROLLIN D. SALISBURY, A.M., LL.D., *Professor and Head of the Department of Geography.*

JOHN PAUL GOODE, Ph.D., *Assistant Professor of Geography.*

ELLEN CHURCHILL SEMPLE, Ph.D., *Assistant Professor (Summer Quarter, 1906).*

HARLAN HARLAND BARROWS, S.B., *Assistant.*

FELLOW, 1906-7

HARRY MILTON CLEM

INTRODUCTORY

The courses now arranged for in this Department deal with subjects which are intermediate between Geology and Climatology, on the one hand, and History, Sociology, Political Economy, and Biology, on the other. It should be understood that the courses here announced do not include all of the geographic work of the University. The Geography courses which ally themselves with Geology are given in that Department. The courses in Zoogeography, Geographic Botany, and Commercial Geography are given by the Departments of Zoology, Botany, Political Economy, respectively.

I. The Doctor's degree.—The courses expected of candidates for a Ph.D. degree are as follows (some undergraduate courses being included):

Where Geography is the Major subject:

1. In the Department of Geography, Courses 4, 7, 9, 10, 12, 14, 16, and at least six Majors of advanced individual work, a part of which may be in the line of the thesis.
2. In the Department of Geology, Courses 7, 8, 10, 15 (DMj), 16, 18, 20, 28, and 29.
3. In the Department of Biology, a general knowledge of Zoogeography and Geographic Botany.
4. In the Department of History, a general knowledge of Modern History, and a thorough knowledge of the history of some period and region where geographic influences were an important factor in its course.
5. In the Department of Political Economy, Commercial Geography, and the Elements of Political Economy. A thorough college course, of not less than one year, in Physics and in Chemistry.

Where Geography is the minor subject, nine Majors of work, which must include all those specified by number under 1 above.

II. The Master's degree.—The courses expected of a candidate for a Master's degree, if all his work is taken in the Department, include seven Majors, together with a dissertation. These courses must include Courses 4, 5, 7, 10, and 12, Course 15 in Geology, and courses in the geographic phases of Zoology and Botany.

COURSES OF INSTRUCTION

JUNIOR COLLEGE COURSES

1. **Elementary Meteorology and Oceanography.**—An outline course especially for teachers of Physical Geography and Physiography.

M. Second Term, Summer Quarter; 1:30

MR. BARROWS

NOTE.—This course, with Course 1A Geology=Course 1 Geology.

[Not given in 1906]

2. **Meteorology and Climatology.**—The principles of Meteorology and their application to regional climates. Climate as a factor in economic and social development.

Mj. Winter Quarter; 11:00

ASSISTANT PROFESSOR GOODE

SENIOR COLLEGE COURSES

3. **Commercial Geography.**—See Course 5, Department of Political Economy.

Mj. Autumn Quarter

Mj. Spring Quarter

ASSISTANT PROFESSOR GOODE

4. **Principles of Geography.**—The meaning and scope of geography; the relation of the science to other subjects; the distribution and characteristics of land forms and climates; the distribution and utilization of natural resources, such

as soils, minerals, plants, and animals, with reference to man's distribution and industrial and social development; an application of the principles developed to the interpretation of type regions.

M. Second Term, Summer Quarter; 11:30

MR. BARROWS

6. **The Geography of Commerce.**—The geographic conditions determining the rise and expansion of international trade; the means of transportation; conditions which determine the choice of routes; harbors; safe-guards to life and property; the influence of business organization; the influence of government participation.

Mj. Autumn Quarter; 9:30

ASSISTANT PROFESSOR GOODE

[Not to be given in 1906-7]

7. **Influence of Geography on American History.**—A study of the geographic conditions which have influenced the course of American history. Their importance as compared with one another, and their importance as compared with non-geographic factors. Familiarity with the leading events of American history, and with the elements of the physiography of the United

States, is presupposed. Primarily for teachers of geography and history.

Mj. Winter Quarter; 9:30

MR. BARROWS

8. **American History and its Geographic Conditions.**—This course will be based on Dr. Semple's book of the same title, and will be supplemented by lectures.

M. First Term; 1:30

DR. SEMPLE

9. **Meteorology and Climatology.**—The principles of Meteorology and their application to the climate of the United States. Climatic influences in the economic and social development of the United States.

M. Second Term, Summer Quarter; 2:30

MR. BARROWS

10. **Economic Geography of North America.**—A study of the natural resources of the continent, as factors in its economic development. The geology, the physiography and the climate, treated as factors determining or affecting the location and utilization of mineral resources, arable and grazing lands, forests, etc. The influence of these various resources on the settlement and development of the continent.

Mj. Autumn Quarter; 8:30

ASSISTANT PROFESSOR GOODE

12. **Economic Geography of Europe.**—Outline same as for Course 10, together with a study of the effects of the natural resources on the distribution and economic development of racial stocks.

Mj. Winter Quarter; 9:30

ASSISTANT PROFESSOR GOODE

14. **Economic Geography of Tropical Countries.**—Outline similar to that for Course 10. Especial attention will be given to South America, the West Indies, and the Philippines. The course will also include a consideration of the results likely to be achieved by the introduction of scientific methods of sanitation and industry, from countries in temperate latitudes.

Mj. Winter Quarter; 8:30

ASSISTANT PROFESSOR GOODE

16. **The Geographic Problems of the Orient.**—The significance of the location of the region with reference to the *Hinterland* and to the ocean; the physiography of the realm; the natural resources; racial characteristics; the reasons underlying western interest and aggression.

This course is developed mainly with reference to China and Japan.

Mj. Spring Quarter; 11:00

ASSISTANT PROFESSOR GOODE

20. **American History and its Geographic Conditions.**—This course will be based on Dr. Semple's book of the same title, and will be supplemented by lectures.

M. First Term

DR. SEMPLE

- 30, 31, 32. **Research Course.**—Advanced work on selected topics will be arranged with individual students prepared to undertake semi-independent work.

Mj or DMj. Each Quarter

PROFESSOR SALISBURY AND
ASSISTANT PROFESSOR GOODE

For courses in **Physical Geography**, see Department of Geology.

For courses in **Commercial Geography**, see Department of Political Economy.

For courses in **Zoogeography**, see Department of Zoology.

For courses in **Geographic Botany**, see Department of Botany.

For normal courses for Grade Teachers, see College of Education.

XXII-XXVIII. THE BIOLOGICAL DEPARTMENTS

INTRODUCTORY

The sub-divisions of Biology, originally installed as "The School of Biology," were raised to the rank of independent Departments in the second year of the University. The Departments first organized were: Zoology, Neurology, Palaeontology, Physiology, and Bacteriology. To these were subsequently added Botany, Pathology, and Anatomy.

On December 14, 1895, Miss Helen Culver, of the city of Chicago, presented the University of Chicago with property valued at one million dollars. The following letter indicates the purpose of the gift:

CHICAGO, DECEMBER 14, 1895.

To the Trustees of the University of Chicago.

GENTLEMEN: It has long been my purpose to set aside a portion of my estate to be used in perpetuity for the benefit of humanity. The most serious hindrance to the immediate fulfilment of the purpose was the difficulty of selecting an agency to which I could intrust the execution of my wishes. After careful consideration, I concluded that the strongest guarantees of permanent efficient administration would be assured if the property were intrusted to the University of Chicago. Having reached this decision without consulting the University authorities, I communicated it to President Harper, with the request that he would call on me to confer concerning the details of my plan.

After further consideration, in which I have had President Harper's assistance, I now wish to present to the University of Chicago property valued at one million dollars, an inventory of which is herewith transmitted, to be applied as follows:

The whole gift shall be devoted to the increase and spread of knowledge within the field of the biological sciences. By this I mean to provide:

1. That the gift shall develop the work now represented in the several Biological Departments of the University of Chicago, by the expansion of their present resources.

2. That it shall be applied in part to an *inland experimental station*, and to a *marine biological laboratory*.

3. That a portion of the instruction supported by this gift shall take the form of University Extension lectures to be delivered by recognized authorities at suitable points on the west side of Chicago. These lectures shall communicate, in form as free from technicalities as possible, the results of biological research. One purpose of these lectures shall be to make public the advances of science in sanitation and hygiene.

To secure the above ends a portion not to exceed one-half the capital sum thus given may be used for the purchase of land, for equipment, and for the erection of buildings. The remainder, or not less than one-half the capital sum, shall be invested, and the income therefrom shall constitute a fund for the support of research, instruction, and publication.

Among the motives prompting this gift is the desire to carry out the ideas and to honor the memory of Charles J. Hull, who was for a considerable time a member of the board of trustees of the old University of Chicago. I think it appropriate, therefore, to add the condition that, wherever it is suitable, the name of Mr. Hull shall be used in designation of buildings erected and of endowments set apart in accordance with the terms of this gift.

Yours very truly,

HELEN CULVER.

Upon this foundation four buildings have been erected at the north end of the University grounds to serve as laboratories for Zoology, Anatomy, Physiology, and Botany, and known as the Hull Biological Laboratories. These buildings are four stories high, and conform in style of architecture to that adopted by the University, but are specially adapted to the demand for light. They are connected with one another by arcades, and between the two buildings facing Fifty-Seventh Street there has been erected the Hull Memorial Gate. The inclosure of the Quadrangle will be devoted to the uses of the Departments in the way of ponds, plant beds, etc. A statement concerning the interior arrangement of each building will be found on pp. 147, 148 of this *Register*.

For those students who are shaping their studies with a view to future work in Medicine, there are to be found among the courses offered by the Biological Departments all those considered introductory to the study of Clinical Medicine. See also "The Courses in Medicine and Preparatory to Medicine," pp. 112-114 of this *Register*.

The *Biological Bulletin* is published monthly and is designed for shorter contributions in animal Morphology and general Biology. The editorial staff is as follows: E. G. Conklin, the University of Pennsylvania; Jacques Loeb, the University of California; T. H. Morgan, Columbia University; W. M. Wheeler, American

Museum of Natural History; C. O. Whitman, the University of Chicago; E. B. Wilson, Columbia University; Managing Editor, Frank R. Lillie, the University of Chicago. The subscription price per volume of six numbers is \$3, and single numbers are sold separately at 75 cents each. It is also the official publication of the Marine Biological Laboratory.

The *Botanical Gazette* was established in November, 1875, and is edited by Professors Coulter and Barnes, with the assistance of a staff of American and foreign associate editors. In March, 1896 the journal became the property of the University. It is issued monthly in two annual volumes, each number averaging eighty pages and about seven plates.

"Contributions from the Hull Botanical Laboratory" is a serial publication containing the results of research by the instructors and students of the Botanical Department. Forty-six numbers have been published.

Physiological Archives is a publication from the Department of Physiology, containing the results of research by the instructors and students. Three volumes have been published.

The Fellowships provided for the Biological Departments yield an annual income of \$320 or \$520 each. These Fellowships are especially designed for Graduate students who have already distinguished themselves in original work, and who are prepared to enter for the degree of Ph.D. Appointments are made only on the basis of scientific work and proven capacity for investigation. Applications are to be addressed to the President of the University before March 1, and accompanied by a statement of previous study, degrees, work done or proposed, with testimonials and copies of published works.

Fellows are expected to take an active part in the work of the departmental seminars, and to prepare at least one lecture a year on some subject related to their special work. They may be called upon also for assistance in the work of their Departments, but in no case will they be expected or permitted to devote more than one sixth of their time to such service.

The Library of the University contains about 367,000 volumes. The Libraries of the several Biological Departments are located on the first floor of the Zoological Laboratory. General works, sets of important periodicals, monographs, etc., are available, and a very full representation of current journals is received. Additional facilities are afforded in the John Crerar Library, the Newberry Library, and the Field Museum.

XXII. THE DEPARTMENT OF ZOÖLOGY

OFFICERS OF INSTRUCTION

CHARLES OTIS WHITMAN, PH.D., LL.D., *Professor and Head of the Department of Zoölogy; Curator of the Zoölogical Museum.*

FRANK RATTRAY LILLIE, PH.D., *Associate Professor of Embryology; Assistant Curator of the Zoölogical Museum.*

CHARLES MANNING CHILD, PH.D., *Assistant Professor of Zoölogy.*

WILLIAM LAWRENCE TOWER, S.B., *Instructor in Embryology.*

REUBEN MYRON STRONG, PH.D., *Associate in Zoölogy.*

SAMUEL WENDELL WILLISTON, M.D., PH.D., *Professor of Paleontology; Lecturer on Evolution of Vertebrates (1906-7).*

VICTOR ERNEST SHELFORD, S.B., *Laboratory Assistant in Zoölogy.*

ROBERT WILHELM HEGNER, S.M., *Laboratory Assistant in Zoölogy.*

JOHN THOMAS PATTERSON, S.B., *Laboratory Assistant in Zoölogy.*

OSCAR RIDDLE, S.B., *Laboratory Assistant in Zoölogy.*

FELLOWS, 1906-7

MARY PUTNAM BLOUNT, S.B.

CHARLES ALBERT SHULL, S.B.

THOMAS CALDERWOOD STEPHENS, A.B.

INTRODUCTORY

The courses in Zoology aim to meet the needs of a general education, and at the same time to give a thorough preparation for a scientific career. The leading purpose of such courses is to make clear the subject-matter of the science, its principal subdivisions, its scope, methods, and history, and its relations to other sciences. For advanced work in Zoology students must early acquire a reading knowledge of German and French, as a knowledge of these languages is assumed. Besides the cognate biological sciences a good working knowledge of Physics and Chemistry is necessary.

The courses may be thus classified:

I. *Introductory*.—Courses 1, 2, and 3 (see College Circular) are designed for beginners. Course 3 is introductory Field Work, adapted to the needs of teachers.

II. *Field Work and Life-Histories*.—Courses 3, 13, and 14, while accompanied with lectures and laboratory exercises, are devoted primarily to the study of *living* animals, habits, instincts, and modes of life.

III. *Comparative Anatomy*.—Courses 5 and 6, dealing with invertebrates, and 10 (see College Circular) 11, and 12, with vertebrates, are intended to meet the needs of students who are to specialize in Zoology Paleontology, Anatomy, or Physiology.

IV. *Cytology* is fundamental for every line of advanced work in Zoology. Course 16 deals with methods and principles, and Course 18 with the developmental side of the subject.

V. *Embryology* is a central branch in Zoology—necessary as a preparation for Paleontology and for Evolutional studies in general. Courses 18, 19, and 20 serve as an introduction, and prepare the way for research in courses 40 to 45.

VI. *Evolution*.—Courses 30, 31, 32, and 33 are intended to serve as an introduction to the study of problems in evolution.

VII. *Research*.—Courses 40 to 45 are intended for students and Fellows who are beginning, or who are already advanced in, original work.

VIII. *The Seminar*.—The Seminar (49, 50, 51) deals with problems and topics of general interest, especially to research students. It is open to all students in the Department.

COURSES OF INSTRUCTION

1. *Elementary Zoology*.—The lectures and laboratory work include studies of representative animals and of general zoological topics.

Mj. Autumn Quarter

Lectures: Tues., Thurs., 3:00.

Laboratory: Mon., Wed., Fri., 2:00–4:00.

DR. STRONG

2. *General Biology*.—Lectures and laboratory work dealing with topics of a general biological nature, such as: the classification of the biological sciences; protoplasm; the cell; structure and activities of types of animals.

Mj. Winter Quarter

Lectures: Tues., Thurs., 3:00.

Laboratory: Mon., Wed., Fri., 2:00–4:00.

DR. STRONG

DM. First Term, Summer Quarter

Lectures: Mon.–Fri., 1:30–4:00.

Laboratory: 12 hrs., 1:30–4:00.

DR. STRONG

DM. Second Term, Summer Quarter

Same hours.

DR. STRONG

3. *Field Zoology*.—Introductory Course. Study of the more common animals of the region about Chicago, including work on life-histories, habits, classification, and distribution.

Mj or DMj. Spring Quarter

Lectures: Wed., 2:00.

Laboratory or field-work: Mon., Tues., 2:00–4:00, and Saturday morning. For DMj 12 hours additional laboratory or field-work per week.

DM. First Term, Summer Quarter

Lectures: Mon., Fri., 1:30.

Laboratory or field-work: Afternoons and Saturday morning, 16 hours per week.

ASSISTANT PROFESSOR CHILD

5. *Invertebrate Zoology*.—Study of representatives of the lower invertebrate groups, Protozoa, Porifera, Coelentera, Platyhelminthes, and Nemathelminthes; including the anatomy of the adult and the life-history, together with some discussion of habits and distribution.

Mj. Autumn Quarter

Lectures: Tues., Thurs., 2:00.

Laboratory: Mon., Wed., Fri., 2:00-4:00.

Prerequisite: *Courses 1 or 2.*

6. **Invertebrate Zoology** (Course 5 continued).—Study of representatives of the higher invertebrate groups. The subject-matter of this course differs in successive years, consideration of the Echinoderma, Molluscs, Annelids, and allied groups alternating with consideration of the Arthropoda. Mj. Winter Quarter

Lectures and Laboratory as in Course 5.

ASSISTANT PROFESSOR CHILD

Prerequisite: *Courses 1 or 2.*

8. **The Evolution of the Domestic Animals.**—A series of illustrated lectures upon the origin, evolution, and natural history of the Domestic Animals and other chief types of Mammals.

M. First Term, Summer Quarter

Lectures: Daily; hour to be arranged.

PROFESSOR WILLISTON

9. **Vertebrate Zoology.**—Study of representatives of the principal vertebrate groups, including general anatomy, life-histories, habits, and distribution. The laboratory work consists of dissection of typical representatives of several groups.

DM. Second Term, Summer Quarter

Lectures: Mon.-Fri., 8:00.

Laboratory Work: 9:00-12:00; 12 hrs. per week.

MR. RIDDLE

10. **Comparative Anatomy and Zoology of the Vertebrates.**—A laboratory study of types, with dissections, followed by lectures with demonstrations of the comparative anatomy of organs, classification, range, distribution, and evolution of the vertebrates, living and extinct.

Mj. Autumn Quarter; Mon.-Fri., 3:00-5:00

PROFESSOR WILLISTON

Prerequisite: *Courses 1 or 2, or equivalent.*

11. **Comparative Anatomy and Zoology of the Vertebrates.**—Continuation of Course 10 (Reptiles, Birds).

Mj. Winter Quarter; Mon.-Fri., 3:00-5:00

PROFESSOR WILLISTON

12. **Comparative Anatomy and Zoology of the Vertebrates.**—Continuation of Course 11 (Mammals).

Mj. Spring Quarter; Mon.-Fr., 3:00-5:00

PROFESSOR WILLISTON

13. **Field Zoology** (Advanced Course).—Study of the fauna of the region about Chicago, with special reference to the relations between animals and

their environment. Each student is expected to devote a considerable portion of his time to the study of some special problem connected with the work of the course, and to present the results of his work in the form of a thesis at the end of the course.

Mj or DMj. Autumn Quarter

Lecture: Fri., 2:00.

ASSISTANT PROFESSOR CHILD

DM. Second Term; Summer Quarter

Lectures: Mon. and Fri., 1:30.

Laboratory or field work: Afternoons and Saturday morning.

ASSISTANT PROFESSOR CHILD

14. **Studies of Birds.**—This course will include studies of the structures, habits, and colors of birds.

Mj or DMj. Spring Quarter

Lectures: Tues. and Thurs., 11:00.

Laboratory: Four hrs., forenoons.

Field-work: as arranged.

DR. STRONG

16. **Cytology.**—Morphology and physiology of the cell; cell-division; cytological theories; the cell and the organism; theory and practice of fixation and staining. The lectures will be supplemented by collateral reading and discussions.

Mj or DMj. Winter Quarter

Lectures: Four times a week; hours to be arranged with class.

Laboratory: Afternoons; 8 hrs. a week.

ASSISTANT PROFESSOR CHILD

[To be given in 1907]

17. **Regeneration.**—The lectures will deal with the principal facts and problems of regeneration and of form-regulation in general, and will be supplemented by collateral reading and discussions. In the laboratory typical cases of regeneration will be studied. Mj or DMj. Spring Quarter

Lectures: Four times a week; hours to be arranged with class.

Laboratory: Afternoons; 8 hrs. a week.

ASSISTANT PROFESSOR CHILD

[To be given in 1908]

NOTE.—Courses 16 and 17 will be given in alternate years.

18. **Physiology of Development.**—The lectures will deal with general and experimental embryology, and with the mechanics of embryonic development, including: the history of the germ-cells; fertilization; the rôle of cell-division in development; intra-cellular differentiation; correlative

differentiation of organs and theories of heredity. The laboratory work will be on the early development of selected types of invertebrates.

Mj or DMj. Autumn Quarter

Lectures: Mon., Wed., Fri., 8:30.

Laboratory: 6 or 16 hours a week.

By special permission the lectures alone may be taken as $\frac{1}{2}$ Mj.

ASSOCIATE PROFESSOR LILLIE

Prerequisite: *Courses 1 or 2 and 19 or 20; Course 16 is desirable.*

19. **Vertebrate Embryology.**—Fishes, amphibia, and reptilia. Lectures, demonstrations, and laboratory work.

Mj or DMj. Winter Quarter

ASSOCIATE PROFESSOR LILLIE

Lectures: Mon., Wed., Fri., 8:30.

Laboratory: 6 or 16 hours a week.

20. **Vertebrate Embryology.**—Birds and mammals. Lectures, demonstrations, and laboratory work.

Mj or DMj. Spring Quarter

Lectures: Mon., Wed., Fri., 8:30.

Laboratory:

Sec. a: Mon. and Tues., 2:00–5:00, and Wed., 2:00–4:00.

Sec. b. Wed. 2:00–4:00, and Thurs. and Fri., 2:00–5:00.

ASSOCIATE PROFESSOR LILLIE AND MR. TOWER

Prerequisite: *Courses 1 or 2, and Anatomy 10 and 11, or their equivalents.*

21. **Embryology.**—Lectures, demonstrations, and laboratory work.

DM. First Term, Summer Quarter

Lectures: Mon.–Thurs., 11:30.

Laboratory: Daily, 8:00–11:30; 12 hrs. per week.

MR. RIDDLE

29. **Marine Biology** at the Marine Biological Laboratory at Wood's Holl, Mass. Credit is given at the University of Chicago for courses taken at this laboratory.

DMj. Summer Quarter

PROFESSOR WHITMAN AND

ASSOCIATE PROFESSOR LILLIE

30. **Animal Evolution.**—A course of lectures dealing with the history of the idea of evolution, the rise of modern ideas (Buffon, St. Hilaire, Lamarck); Darwinian period, current theories of evolution. Reading, reports, and theses required.

Prerequisite: *Courses 2, 18, and 20, or their equivalent.* Mj or DMj. Autumn Quarter

Lecture: Mon., Wed., Fri., 9:30.

MR. TOWER

GRADUATE COURSES

31. **Animal Evolution** (continued).—The facts and theories of variation and heredity will be considered with especial reference to the parts played by these phenomena in organic evolution. Lectures, demonstrations, and study of special topics.

Mj or DMj. Winter Quarter

Lectures: Mon., Wed., Fri., 9:30.

Prerequisite: *as in Course 30.*

MR. TOWER

32. **Animal Evolution** (continued).—Lectures and demonstrations dealing with the control of morphogenic processes; the effects of environmental factors upon organisms; the reactions of lower organisms to stimuli; the origin of new characters, races, and species.

Mj or DMj. Spring Quarter

Lectures: Mon., Wed., Fri., 9:30.

Prerequisite: *as in Course 30.*

MR. TOWER

[To be given in 1907]

33. **Animal Coloration.**—Lectures, demonstrations, and laboratory work. With special reference to the color phenomena of arthropods and the lower vertebrates.

Mj or DMj. Spring Quarter

Lectures: Mon., Wed., Fri., 9:30

Laboratory as arranged.

MR. TOWER

NOTE.—Courses 32 and 33 will be given in alternate years.

NOTE.—By special permission the lectures may be taken as $\frac{1}{2}$ Major in Courses 30, 31, and 32.

40. **Zoological Problems.**—At the Marine Biological Laboratory, Wood's Holl, Mass.

2 or 3Mj. Summer Quarter

PROFESSOR WHITMAN AND

ASSOCIATE PROFESSOR LILLIE

Prerequisites: Such of the elementary courses as are essential to the special topic undertaken.

41. **Zoological Problems.**

DMj. Autumn Quarter

Lectures: 1 hour a week.

Laboratory: 3 hours daily.

PROFESSOR WHITMAN,

ASSOCIATE PROFESSOR LILLIE,

ASSISTANT PROFESSOR CHILD, MR. TOWER,

AND DR. STRONG

Prerequisite: *See Course 40.*

(Laboratory fee, \$2.50)

42. **Zoological Problems.**

DMj. Summer Quarter

ASSISTANT PROFESSOR CHILD AND DR. STRONG

42. Zoological Problems—(continued).

DMj. Winter Quarter

Lectures: 1 hour a week.

Laboratory: 3 hours daily.

PROFESSOR WHITMAN,

ASSOCIATE PROFESSOR LILLIE,

ASSISTANT PROFESSOR CHILD, AND MR. TOWER

Prerequisite: *See Course 40.*

(Laboratory fee, \$2.50)

43. Zoological Problems—(continued).

DMj. Spring Quarter

PROFESSOR WHITMAN,

ASSOCIATE PROFESSOR LILLIE,

ASSISTANT PROFESSOR CHILD, AND MR. TOWER

Prerequisite: *See Course 40.*

(Laboratory fee, \$2.50)

45. Zoological Problems.

DMj. Summer Quarter

PROFESSOR WHITMAN,

ASSISTANT PROFESSOR CHILD, AND MR. TOWER

Prerequisite: *See Course 40.*

(Laboratory fee, \$2.50)

49, 50, 51. Seminar: General Biological Topics.—Two hours weekly. Autumn and Winter Quarters

PROFESSOR WHITMAN,

ASSOCIATE PROFESSOR LILLIE,

ASSISTANT PROFESSOR CHILD, AND MR. TOWER

XXIII. THE DEPARTMENT OF ANATOMY
(INCLUDING NEUROLOGY)

OFFICERS OF INSTRUCTION

ROBERT RUSSELL BENSLEY, A.B., M.B., *Associate Professor of Anatomy.*JOHN GORDON WILSON, A.M., M.B., *Assistant Professor of Anatomy.*GEORGE ELMER SHAMBAUGH, M.D., *Instructor in Anatomy of the Ear, Nose, and Throat.*BASIL COLEMAN HYATT HARVEY, A.B., M.B., *Instructor in Anatomy.*DANIEL GRAISBERRY REVELL, A.B., M.D., *Instructor in Anatomy.*_____, *Instructor in Anatomy.*ELIZABETH HOPKINS DUNN, A.M., M.D., *Assistant in Neurology.*EDWIN GILBERT KIRK, S.B., *Assistant in Anatomy.*EMIL GOETTSCH, S.B., *Assistant in Anatomy.*JOHN SUNDWALL, Ph.B., *Assistant in Anatomy.*KATASHI TAKAHASHI, *Technical Assistant.*

FELLOW, 1906-7

JOHN SUNDWALL, Ph.B.

INTRODUCTORY

The Hull Laboratory of Anatomy of the University of Chicago has been especially fitted out for graduate work, including advanced courses in Human Anatomy and Embryology, as well as original research in these subjects. Opportunities are afforded for Graduate students who wish to pass on to the higher degrees of A.M. S.M., or Ph.D. A certain number of physicians who wish to study in particular anatomical fields preparatory to clinical specialization, can be accommodated.

COURSES OF INSTRUCTION

PRIMARILY FOR THE SENIOR COLLEGES

1, 2, and 3. **Human Anatomy.**—The course in Human Anatomy consists of four Majors of work, distributed over three Quarters. The subdivision of the work is as follows: Dissection of the Arm = 1 Mj; Dissection of the Head, Neck, and Thorax = 1½ Mj; Dissection of the Leg

and Abdomen = 1½ Mj. Assignments to parts are made by the instructor in charge. The work consists of lectures and laboratory work. In the laboratory the student makes a complete dissection of the part assigned to him, using atlases as guides. The laboratories are open daily from 8:30 A. M. to 5:00 P. M. (Sat-

urdays until 1:00 P.M.) Instructors will be in attendance during scheduled hours. Not more than $1\frac{1}{2}$ Mj may be taken in one Quarter.

4Mj. Autumn, Winter, and Spring Quarters.

Autumn Quarter

Lectures: Wed. and Thurs., 9:30-10:30.

Laboratory: Mon., Tues., and Wed., 2:00-5:00.
Thurs., 2:00-4:30.

Winter Quarter

Lectures: Mon. and Tues., 9:30-10:30.

Laboratory:

Juniors: Mon. and Tues., 11:00-1:00.

Thurs. and Fri., 2:00-5:00.

Seniors:

Sec. A: Mon., Tues., Wed., 11:00-1:00.

Thurs., 2:00-5:00.

Fri., 2:00-4:30.

Sec. B: Mon., Tues., Wed., 11:00-1:00.

Thurs. and Fri., 9:30-12:00.

Spring Quarter

Laboratory: Mon., Tues., Wed., Thurs., Fri.,
2:00-5:00. ASSOCIATE PROFESSOR BENSLEY,

ASSISTANT PROFESSOR WILSON, DR. HARVEY,
AND OTHERS.

(Laboratory fee, \$5.00 per Major.)

6. **Human Osteology.**—A systematic study of the human skeleton will be undertaken. The bones of the human body will be drawn, or modeled in clay, in the laboratory. The structure of the composite bones will be considered from the comparative and embryological standpoints.

$\frac{1}{2}$ Mj. Autumn Quarter

Lecture: Tues., 8:30.

Laboratory: Tues., 9:30-1:00.

DR. HARVEY AND MR. KIRK

(Laboratory fee, \$1.25)

- 6A. **Human Osteology.**—Equivalent to Course 6.

M. First Term, Summer Quarter

Lectures: Thurs. and Fri., 8:00.

Laboratory: Thurs. and Fri., 9:00-12:30.

DR. REVELL

(Laboratory fee, \$1.25)

10. **Splanchnology, Histology, and Cytology.**—A brief course on the structure of the cell and elementary tissues will be followed by a study of the structure of the various viscera.

Mj. Autumn Quarter

Lectures: Mon., Fri., 9:30.

Laboratory: Mon., Fri., 10:30-1:00; Thurs.,
11:00-1:00.

DR. REVELL AND OTHERS

(Laboratory fee, \$2.50)

11. **Course 10 (continued).**

M. First Term, Winter Quarter

Lectures: Wed. and Fri., 9:30.

Laboratory: Thurs. and Fri., 10:30-1:00; Wed.,
11:00-1:00.

MR. KIRK

Prerequisite: *Course 10 or its equivalent.*

(Laboratory fee, \$1.25)

- 11A. **Equivalent to Courses 10 and 11.**

$1\frac{1}{2}$ Mj. Summer Quarter

Lectures: Mon., Tues., Wed., 8:00.

Laboratory: Mon., Tues., Wed., 9:00-12:30.

DR. REVELL AND MR. KIRK

(Laboratory fee, \$2.75.)

13. **Splanchnology, Histology, and Cytology (Advanced).**—In this course the student will undertake a thorough study of the structure of the important organs. A knowledge of the normal appearance and texture of the organs will be gained by the dissection of fresh specimens, the dissecting microscope being used to supplement the information gained by ordinary methods of dissection. Finally the compound microscope will be employed in the study of prepared sections.

1Mj. Winter Quarter

Lectures: Wed. and Fri., 9:30.

Laboratory: Thurs. and Fri., 10:30-1:00.

Wed., 11:00-1:00.

DR. REVELL AND OTHERS

(Laboratory fee, \$2.50)

14. **Histological Technique.**—The main methods of histological preparation. In the laboratory work students will prepare specimens by the various methods of fixing, hardening, staining, and sectioning, now in general use.

Mj. Spring Quarter

Lectures and Laboratory: Mon., Wed., Fri.,
1:30-4:30.

DR. REVELL

(Laboratory fee, \$2.50)

15. **Splanchnology.**—The topographical relations of the thoracic and abdominal viscera will be studied in transverse sections of the human subject. The knowledge thus gained will be supplemented by a study of the entire organs preserved in their natural shapes by formalin injections. The vessels, ducts and natural cavities of organs will be studied by the various methods of injection, maceration and corrosion. Finally the development of the form and relations of the organs will be studied by dissection of the foetus.

$\frac{1}{2}$ Mj. Autumn Quarter

ASSOCIATE PROFESSOR BENSLEY

(Laboratory fee, \$1.25)

16. **Splanchnology.**—(Course 15 continued.)

½Mj. Winter Quarter
ASSOCIATE PROFESSOR BENSLEY
(Laboratory fee, \$1.25)

17. **Neurology.**—Elementary histology and microscopic anatomy of the nervous system and sense organs.

Mj. Spring Quarter
Lectures: Mon. and Tues., 8:30.
Laboratory: Thurs. and Fri., 2:00–4:00.
Prerequisite: *Microscopic Anatomy*.
(Laboratory fee, \$2.50)

18. **Vertebrate Embryology.**—Lectures, demonstrations and laboratory work. (See Department XXII, Course 20 and 21.)

PRIMARILY FOR THE GRADUATE SCHOOL

20. **Anatomy of the Ear, Nose, and Throat.**—Special anatomy for practicing physicians and advanced students. This course will consist of laboratory work, lectures, and demonstrations of anatomical preparations.

DM. First Term, Summer Quarter
Lectures and Laboratory: Mon., Tues., Wed., Thurs., 1:30–4:30.

DR. SHAMBAUGH
(Laboratory fee, \$2.50)

21. **Anatomy of the Eye.**—Special anatomy for practicing physicians and advanced students.

DR. REVELL
(Laboratory fee, \$2.50)

22. **Anatomy of the Abdominal and Pelvic Viscera and Pelvic Floor.**—Special anatomy for practicing physicians and advanced students. Suited to those purposing to pay especial attention to gynecology.

Mj. Spring Quarter
ASSISTANT PROFESSOR WILSON
(Laboratory fee, \$5.00)

23. **Anatomy of the Pharynx and Larynx.**—Special course for practicing physicians and advanced students, to consist of lectures and laboratory work on the development, gross and microscopic anatomy of these organs. Special attention will be given to the nervous mechanism and its influence on the function.

DM. First Term, Summer Quarter
Lectures and Laboratory work: Mon., Tues., Wed., Thurs., 2:00–5:00.

ASSISTANT PROFESSOR WILSON
(Laboratory fee, \$2.50)
[Not to be given in 1906.]

24. **Anatomy of the Lymphatic System.**—A special

study will be made by dissection, injection, etc., of the distribution of the various systems of lymphatic vessels.

Mj. Spring Quarter
DR. HARVEY
(Laboratory fee, \$2.50)

25. **The Architecture of the Central Nervous System.**

Mj. Autumn Quarter
Lectures: Mon. and Tues., 9:30.
Laboratory: Thurs. and Fri., 2:00–4:00.
Prerequisite: *Microscopic Anatomy*.
(Laboratory fee, \$2.50)

30. **Physiological Histology.**—The Organs of Respiration, Circulation, Absorption, Secretion and Excretion will be studied from the standpoint of the relation of these structures to the functions they perform. The changes in the structure of the cells of the parenchyma of secretory and excretory organs as results of section and stimulation of their nerves of supply, of the action of drugs, and of normal physiological activity, will be studied. Especial attention will be paid to cellular microchemistry.

Mj. Spring Quarter
Lectures: Mon. and Fri., 2:00–3:00.
Laboratory: Mon. and Fri., 3:00–5:00; Wed., 2:00–5:00.

ASSOCIATE PROFESSOR BENSLEY
AND DR. REVELL
Prerequisite: *Courses 10 and 13 (or their equivalents) and a reading knowledge of French and German*.
(Laboratory fee, \$2.50)

32. **Histogenesis.**—The changes taking place in the elementary tissues will be followed from the blastogenic period to adult life. Certain tissues will be taken as types of the general problems of development and will be studied and discussed from this point of view.

M. Second Term, Summer Quarter
Lectures and Laboratory.

DR. REVELL
(Laboratory fee, \$2.50)

33. **Organogenesis.**—Structural changes in certain organs will be followed in the development from the embryonic to the adult form.

M. Second Term, Summer Quarter
Lectures and Laboratory: Mon. and Wed., 8:30–12:00.

DR. REVELL
Prerequisite for Courses 32 and 33: *A knowledge of the main facts of Embryology, Splanchnology, and Histology*.
(Laboratory fee, \$1.25)

- 34. Advanced Histology and Cytology.**—The solution of various problems in connection with tissues and cells will be undertaken. Especial attention will be paid to experimental methods.

Mj. Spring Quarter
DR. REVELL

Prerequisite: *Courses 10 and 11.*

(Laboratory fee, \$2.50)

- 35. Mammalian Osteology.**—The skeletal structures of a number of representative mammals will be studied.

Mj. Spring Quarter
DR. HARVEY

(Laboratory fee, \$2.50)

- 40. Advanced Work.**—Opportunities are offered for advanced work in all branches of anatomy.

1 to 3Mj

ASSOCIATE PROFESSOR BENSLEY,

ASSISTANT PROFESSOR WILSON AND DR. REVELL

(Laboratory fee, \$2.50 per Mj.)

- 41. Research Work.**—The laboratory is equipped for the original investigation of problems in Anatomy, including Neurology. Suitably trained and endowed students or physicians who have the time to do such work, will be encouraged to undertake it. 2 to 4Mj

ASSOCIATE PROFESSOR BENSLEY

- 42 Seminar.**—A limited number of students can, by special arrangement, be admitted to a seminar, in which subjects of current interest in Gross or Microscopic Anatomy or Neurology will be discussed.

1-2Mj. Autumn and Winter Quarters,
Fri., 4:00.

ASSOCIATE PROFESSOR BENSLEY

XXIV. THE DEPARTMENT OF PHYSIOLOGY

(Including Physiological Chemistry and Pharmacology)

OFFICERS OF INSTRUCTION

GEORGE NEIL STEWART, D.Sc., M.D., *Professor and Head of the Department of Physiology.*

ALBERT PRESCOTT MATHEWS, Ph.D., *Professor of Physiological Chemistry.*

DAVID JUDSON LINGLE, Ph.D., *Assistant Professor of Physiology.*

WALDEMAR KOCH, Ph.D., *Assistant Professor of Physiological Chemistry.*

ANTON JULIUS CARLSON, A.M., Ph.D., *Assistant Professor of Physiology.*

*CHARLES CLAUDE GUTHRIE, M.D., *Instructor in Physiology.*

*SAMUEL ALEXANDER MATTHEWS, M.D., *Associate in Pharmacology.*

ALBERT WOELFEL, M.D., *Associate in Physiology.*

HUGH McGUIGAN, S.B., *Assistant in Physiological Chemistry.*

THOMAS MATHESON WILSON, S.M., *Assistant in Physiology.*

DENNIS EMERSON JACKSON, A.M., *Assistant in Physiological Chemistry.*

WILLIAM IRVING, *Mechanical Assistant.*

FELLOWS, 1906-7

CLYDE BROOKS, A.B.

FRANK HENRY PIKE, A.B.

GUY BURL MORRISON, A.B. (*Physiological Chemistry.*)

COURSES OF INSTRUCTION

JUNIOR COLLEGE COURSES

- 1 and 2. Introductory Physiology.**—These courses are intended to familiarize the student with the elementary facts concerning the structure and functions of the human body. They are not

required of medical students, but are strongly recommended to college students, as a necessary part of an education. Students are urged to take both courses. No prerequisites are demanded for Course 1. Course 1 is prerequisite to Course 2.

* Resigned.

***1. Physiology of Blood, Circulation, Respiration, Digestion, Secretion and Absorption.**

Lectures: Three a week.

Laboratory: 4 hrs. a week.

Mj. Autumn Quarter.

ASSISTANT PROFESSOR LINGLE

Repeated Winter Quarter.

ASSISTANT PROFESSOR LINGLE

Given Summer Quarter. DM. First Term

***2. Physiology of Metabolism, Muscles, the Nervous System and Senses. A continuation of Course 1.**

Lectures: Three a week.

Laboratory: 4 hrs. a week.

Mj. Winter Quarter

ASSISTANT PROFESSOR LINGLE

Repeated Spring Quarter.

ASSISTANT PROFESSOR LINGLE

Given Summer Quarter. DM. Second Term

SENIOR COLLEGE COURSES

†12. Physiology of Blood, Circulation, and Respiration.

Mj. Spring Quarter

Lectures: Two a week.

PROFESSOR STEWART

Recitations and conference: One hour a week.

ASSISTANT PROFESSORS LINGLE

AND CARLSON,

DRS. GUTHRIE AND WOELFEL

Laboratory: 6 hrs. a week.

ASSISTANT PROFESSOR CARLSON,

DRS. GUTHRIE AND WOELFEL,

AND MR. WILSON

Prerequisite: *Physiological Chemistry*.

(Laboratory fee, \$2.50)

†13. Physiology of Digestion, Metabolism, Absorption, Secretion, Muscles, and Heat.

1½Mj. Autumn Quarter

PROFESSOR STEWART

Lectures: Three a week.

Recitations and conference: Two hrs. a week.

ASSISTANT PROFESSORS LINGLE AND CARLSON,

DRS. GUTHRIE AND WOELFEL

Laboratory: 7 hours a week.

ASSISTANT PROFESSOR CARLSON,

DRS. GUTHRIE AND WOELFEL,

MESSRS. WILSON AND PIKE

Prerequisite: *Physiology 12*.

(Laboratory fee, \$2.50)

†14. Physiology of the Nervous System and the Senses.

Mj. Winter Quarter

Lectures: Two a week.

ASSISTANT PROFESSOR CARLSON

Recitations and Conference: One a week.

ASSISTANT PROFESSOR CARLSON,

DRS. GUTHRIE AND WOELFEL

Laboratory: 6 hrs. a week.

ASSISTANT PROFESSOR CARLSON,

DRS. GUTHRIE AND WOELFEL,

MESSRS. WILSON AND PIKE

Prerequisite: *Neurology 3*.

(Laboratory fee, \$2.50)

15. Special Physiology of Mammals.—Including the repetition of experiments not given in the general courses.

Saturdays, 8:00–12:30

½Mj. Summer Quarter

DR. GUTHRIE

Repeated Autumn Quarter.

Prerequisite: *Physiology 12 or equivalent*.

(Laboratory fee, \$1.25)

16. General and Comparative Physiology.—The phenomena of irritability; the effects of external conditions on protoplasm.

Mj. Spring Quarter

ASSISTANT PROFESSOR CARLSON

Prerequisite: *A good knowledge of Chemistry and Biology*.

(Laboratory fee, \$2.50)

20. Physiological Chemistry.—The chemistry of protoplasm; of the foods; of digestion, metabolism, and the excretions.

1½Mj. Winter Quarter

Lectures: Three a week.

PROFESSOR MATHEWS

Recitations: Two a week.

Laboratory: 7 hrs. a week.

PROFESSOR MATHEWS,

DR. S. A. MATTHEWS, AND MR. MCGUIGAN

Prerequisite: *General Chemistry including Qualitative Analysis; elementary Organic Chemistry. Quantitative Analysis is strongly recommended.*

Repeated in Summer Quarter of 1906.

MR. MCGUIGAN AND DR. WOELFEL

(Laboratory fee, \$3.75)

*Either the lectures or the laboratory work of 1 and 2 may be taken as a Major in the Summer Quarter. The laboratory work in this Quarter will be specially adapted to teachers.

†One of the Courses 12, 13, or 14 will be repeated in the Summer Quarter by Assistant Professor Carlson and Drs. Guthrie and Woelfel. The choice will depend upon the requirements of the majority of the applicants.

21. **Pharmacology.** 1½Mj. Spring Quarter
Lectures: Three a week.
PROFESSOR MATHEWS
Recitations: Two a week.
Laboratory: 7 hrs. a week.
PROFESSOR MATHEWS
DR. S. A. MATTHEWS, AND MR. McGUIGAN
Given Summer Quarter, 1906, as 1½Mj
DR. S. A. MATTHEWS
Prerequisites: *Physiology 12, 13, 14 and 20.*
(Laboratory fee, \$3.75)
PRIMARILY GRADUATE COURSES
30. **The Cells and Liquids of the Body in Their Physico-Chemical Relations.**
Mj. Autumn Quarter
PROFESSOR STEWART
Repeated in the Summer Quarter
PROFESSOR STEWART AND MR. WILSON
(Laboratory fee, \$2.50)
31. **Special Physiology of the Circulation.**
Mj. Winter Quarter
PROFESSOR STEWART AND DR. GUTHRIE
(Laboratory fee, \$2.50)
32. **Animal Electricity.** Mj. Spring Quarter
PROFESSOR STEWART
(Laboratory fee, \$2.50)
36. **The Action of Drugs on Mammals.**—An experimental course to a small number of students only.
Mj. Autumn Quarter
DR. S. A. MATHEWS
38. **The Chemistry of Protoplasm (Advanced Course).**
The course will include the isolation of the nucleus, proteids, and other important constituents of the proteids, and other important constituents of the cell.
Mj. Autumn Quarter
PROFESSOR MATHEWS
41. **Seminar.**—At times to be announced.
PROFESSOR STEWART
42. **Research Work in Physiological Chemistry.**
Mj or DMj. Throughout the year
PROFESSOR MATHEWS
AND MR. McGUIGAN
43. **Research Work in Pharmacology.**
Mj or DMj. Throughout the year
PROFESSOR MATHEWS
AND DR. S. A. MATHEWS
44. **Research Work in Physiology.**
Mj or DMj. Throughout the year
PROFESSOR STEWART AND OTHERS
51. **General and Comparative Physiology at the Marine Laboratory, at Wood's Holl, Mass.**—Credit is given by the University of Chicago for courses taken at this Laboratory.
DMj. Summer Quarter
PROFESSOR MATHEWS,
ASSISTANT PROFESSOR CARLSON, AND OTHERS

XXVI. THE DEPARTMENT OF PALEONTOLOGY

OFFICER OF INSTRUCTION

SAMUEL WENDELL WILLISTON, M.D., PH.D., *Professor of Paleontology.*

FELLOW, 1906-7

ROY LEE MOODIE, A.B.

COURSES OF INSTRUCTION

1. **Geological History of the Vertebrates.**—The introduction, succession, evolution, and environmental relations of the extinct Vertebrata, with especial reference to geologic faunas and paleogeographic distribution. Lectures, recitations and demonstrations.
Mj. Autumn Quarter; 11:00-1:00
PROFESSOR WILLISTON
Prerequisite: *At least one year's work in Geology.* Courses 15, 16, and 18, Department of Geology, make a good preparation for this work.
- 2, 3. **Advanced Vertebrate Paleontology.**—A continuation and amplification of Course 1, intended primarily for students preparing to teach historical geology, or as an introduction to special research in Vertebrate Paleontology. The course will include instruction in field and museum methods in Paleontology.
2Mj. Winter and Spring Quarters; 9:30-12:00
PROFESSOR WILLISTON
Prerequisite: *Courses 1 or equivalent; or Courses 10, 11, and 12, Department of Zoology.*

10, 11, 12. **Special Research in Vertebrate Paleontology.**—Hours arranged to suit individual students.

Mj or DMj. Autumn, Winter, and Spring Quarters
PROFESSOR WILLISTON

Prerequisite: *Courses 1, 2, and 3; or 10, 11, and 12 Department of Zoology; or equivalents.*

NOTE.—The library at the command of the research student in Vertebrate Paleontology is unexcelled elsewhere in America.

13. **Field-Work.**—One or more students may accompany field expeditions, by special arrangement with the head of the Department.

DMj. Summer Quarter
PROFESSOR WILLISTON AND ASSISTANT

Prerequisite: *Courses 1, 2, and 3; or Courses 10, 11 and 12 of the Department of Zoology; or equivalents.*

For courses treating of the extinct vertebrates from the biological side, see Department of Zoology.

XXVII. THE DEPARTMENT OF BOTANY

OFFICERS OF INSTRUCTION

JOHN MERLE COULTER, A.M., PH.D., *Professor and Head of the Department of Botany.*

CHARLES REID BARNES, A.M., PH.D., *Professor of Plant Physiology.*

CHARLES JOSEPH CHAMBERLAIN, A.M., PH.D., *Instructor in Morphology and Cytology.*

HENRY CHANDLER COWLES, PH.D., *Instructor in Ecology.*

FLORENCE MAY LYON, PH.D., *Associate in Morphology.*

HEINRICH HASSELBRING, PH.D., *Assistant in Plant Pathology.*

WILLIAM JESSE GOAD LAND, PH.D., *Assistant in Morphology.*

WILLIAM BURNETT MCCALLUM, PH.D., *Assistant in Botany.*

MARY ELEANOR TARRANT LITTLE, *Assistant in Field Botany* (Summer Quarter 1906).

RAYMOND HAINES POND, PH.D., *Assistant in Physiology* (Summer Quarter, 1906).

FELLOWS, 1906-7

LEONAS LANCELOT BURLINGAME, A.B.

REGINALD RUGGLES GATES, S.B.

SHIGEO YAMANOUCHI

INTRODUCTORY

While the Department keeps in view the usefulness of botany in contributing to a liberal education, its method is the same in aiding general culture as in training investigators. Beginning with the fundamentals of biology from the standpoint of botany, the courses gradually differentiate into more and more special lines until finally they become adapted to the needs of the individual investigator. The method of the Department is the careful, individual examination of the facts upon which the body of the science rests.

The Department occupies the Hull Botanical Laboratory. At present there is provision of apparatus books, periodicals, and collections, for work in morphology, cytology, physiology, and ecology. In addition to the facilities belonging to the University, the conveniently situated grounds and greenhouses of Jackson, and Washington Parks are always available for material, while the Crerar and Newberry Libraries are easily accessible.

The library contains a good representation of standard and current botanical literature, to which constant additions are being made. Complete files of the more important serials have been secured, and nearly all current botanical journals are received through exchange or purchase. Special care will be taken to secure all necessary literature for research students.

The *Botanical Gazette*, a journal now in its forty-first volume, is the property of the University, and while in no sense an organ of the Department, it is the natural channel for the publication of much of its work. The Department has also begun a series of *Contributions from the Hull Botanical Laboratory*, eighty-two numbers of which have been published.

The Botanical Club consists of the instructors and advanced students of the Department, who meet each week to review important current literature, to present the results of their own research, and to hear visiting botanists. The club is made an important means of supplementary training for the special student of botany.

COURSES OF INSTRUCTION

The laboratory fees named include the use of microscope and reagents and plant material. In addition a breakage ticket is usually needed.

In courses demanding the use of apparatus a laboratory fee of \$2.50 is charged for each Major.

The courses fall naturally into groups under the following classification:

I. General and Introductory.—Courses 1, 2, and 3 are intended to give a general preparation for biological work in the field of botany. Each course is complete in itself, but Course 1 is a necessary introduction to either 2 or 3, and is the course to be selected by the general student who can give but a single Quarter to the subject. For this reason Course 1 is given each Quarter except the Winter. Course 5 is intended to give some knowledge of anatomy, and Course 6 to correct the tendency of students of morphology to know only laboratory material, and to be ignorant of live plants and their habitats. Courses 1, 2, 3, 5, and 6 are especially recommended to teachers in the public schools.

Courses 7, 8, and 9 constitute a series intended to give a thorough account of the principal groups of plants, their morphology, and a somewhat detailed outline of their classification. These courses may be taken in any sequence, although the subject develops most naturally if they are taken in the order of their numbering. They are required of all students who intend to do advanced work in the department, and are adapted to all who desire a thorough elementary knowledge of plants. Unless all three are taken Course 1, or its equivalent, is prerequisite for any of them.

Course 4 is required of all students who purpose entering any of the courses in special morphology.

II. Special Morphology.—The courses enumerated under this head (10-15) expand the work of Courses 7, 8, and 9, and consider in detail the different groups of plants there studied. They are intended to furnish the training necessary for independent research in morphology. Courses 10, 12, and 13 make up a year's work offered in alternate years with Courses 11, 14, and 15. Course 16 is an introduction to Courses 18 and 19, which are for research students and demand familiarity with German and French.

III. Physiology.—Courses 20-22 include work in the fundamental principles of Physiology and constitute a continuous course (though they may be elected separately and in any order) prerequisite to research work in Physiology. The laboratory observations in these courses sometimes require work at irregular and unusual hours which those electing them should be willing to give. Students should be able to read German readily, and must be acquainted with the fundamental principles of physics and inorganic chemistry. Physics 1, 2, 3, and Chemistry 1, 2, 3, 4, are highly desirable antecedents, and may in future be made prerequisites.

IV. Ecology.—Courses 30, 32, and 34 constitute a series, but are independent of one another, and hence may be elected separately. The ability to read German is a decided advantage in all the courses in Ecology.

V. Bacteriology.—Students specializing in Botany are advised to take at least two Majors of Bacteriology (Courses 1B and 4).

1. Elementary Botany.—A general introduction to Botany, including the outlines of structure, function, and classification, using Coulter's *Plant Structures* as a guide. The quizzes and laboratory exercises develop these subjects from the standpoint of the evolution of the plant kingdom, chief stress being laid upon the alternation of generations, and little attention being paid to vegetative tissues. Prerequisite to other courses offered by the department. No credit until the work of the Quarter is completed.

Mj. Summer, Autumn, and Spring Quarters
Autumn and Spring Quarters; daily 2:00-4:00

PROFESSOR COULTER AND DR. LAND
Summer Quarter; 8:00-10:00
DR. LYON

(Laboratory fee, \$2.50)

2. Elementary Plant Physiology.—A summary view of the general functions of the organs of seed plants, such as absorption, transpiration, photosynthesis, and respiration. Especially designed for students not prepared for Courses 20, 21, 22. No credit until work of Quarter is complete. Mj. Summer and Winter Quarters.

Lectures: Tues. and Thurs., 2:00.

Laboratory: Mon., Wed., Fri., 2:00-4:00.

PROFESSOR BARNES AND DR. MCCALLUM

Prerequisite: *Course 1 or its equivalent.* Desirable antecedent: *Course 5.*

(Laboratory fee, \$2.50)

3. Elementary Ecology.—Plants in relation to their environment. Field-work in the greenhouses.

parks, and vacant grounds near the University, with occasional laboratory exercises, and field trips to the country.

Mj. Spring Quarter

Lectures: Tues. and Thurs., 4:00.

Field or Laboratory work:

Mon., Wed., Fri., 4:00-6:00

DR. COWLES AND DR. McCALLUM

Given as DM. First Term, Summer Quarter
Mon.-Thurs., 1:30-4:30, and Saturday after-
noons.

DR. COWLES

Prerequisite: *Course 1 or its equivalent.*

4. **Methods in Plant Histology.**—Principles and methods of killing, fixing, imbedding, sectioning, staining, mounting, drawing, reconstructing, and use of microscope. This course is a necessary preparation for the courses in special morphology.

Mj. Spring Quarter

DR. LAND

Lecture: Mon., 3:00.

Laboratory: Tues.-Fri., 2:00-4:00.

DM. First Term, Summer Quarter

Lecture, Mon., 1:30.

Laboratory: Daily, 8:00-10:00; Tues.-Fri.,
1:30-3:30.

DR. LAND

Prerequisite: *Course 1 or its equivalent.*

(Laboratory fee, \$2.50)

5. **Elementary Anatomy.**—A study of the tissues and tissue systems of vascular plants, especially with reference to the structure of roots, stems, and leaves.

Mj. Winter Quarter

DR. LAND

Daily, 2:00-4:00.

Prerequisite: *Course 1 or its equivalent.*

(Laboratory fee, \$2.50)

6. **Field Botany.**—A study of the local flora, including the recognition of plants of all groups, and special exercises in the determination of seed plants and pteridophytes.

Mj. Spring Quarter

DR. LAND

Field-work: Daily, 4:00-6:00.

DM. Second Term, Summer Quarter

Field-work: Daily, 1:30-5:30.

DR. LAND AND MRS. LITTLE

Prerequisite: *Course 1 or its equivalent.*

7. **General Morphology of Thallophytes.**—The thorough study of a series of Algae and Fungi forms the basis of lectures upon the morphology and classification of these groups. Special emphasis is placed upon such topics as evolu-

tion of sex, life-histories, lines of development, etc.

Mj. Autumn Quarter

Lectures: Tues. and Thurs., 12:00.

Laboratory: Mon. Wed., Fri., 11:00-1:00.

DR. LYON

Prerequisite: *Course 1 or its equivalent.*

(Laboratory fee, \$2.50)

8. **General Morphology of Bryophytes and Pteridophytes.**—A continuation of Course 7. The topics especially elaborated and discussed are alternation of generations, evolution of the sporophyte, and heterospory.

Mj. Summer and Winter Quarters

Summer Quarter, daily, 1:30-3:30.

Winter Quarter, daily, 11:00-1:00.

DR. LYON

Prerequisite: *Course 1 or its equivalent.*

(Laboratory fee, \$2.50)

9. **General Morphology of Spermatophytes.**—A continuation of Courses 7 and 8. In this course special emphasis is placed upon the significance of the seed, simplification of the gametophyte, and genetic relationships.

Mj. Spring Quarter

Lectures: Tues. and Thurs., 12:00.

Laboratory: Mon., Wed., Fri., 11:00-1:00.

DR. LYON

Prerequisite: *Course 1 or its equivalent, and Course 8.*

(Laboratory fee, \$2.50)

10. **Special Morphology of Algae.***—Critical studies of typical algae, accompanied by lectures upon the morphology and relationships of the group.

Mj or DMj. Autumn Quarter, 1907

Lectures: Mon., Wed., 9:30; conference: Fri.,
9:30.

Laboratory: Tues. and Thurs. 8:30-10:30.

Prerequisite: *Courses 4 and 7.*

(Laboratory fee, \$2.50)

11. **Special Morphology of Fungi.***—Critical studies of fungi form the basis of a course of lectures on morphology, relationships, and origin of the group. Practical acquaintance with methods of artificial culture is an important feature of the course.

Mj or DMj. Autumn Quarter

Lectures: Mon., Wed., 9:30.

Laboratory: Tues., Thurs., Fri., 8:30-10:30.

DR. HASSELBRING

Prerequisite: *Courses 4 and 7.*

(Laboratory fee, \$2.50)

* Courses 10, 12, 13 are offered in alternate years with Courses 11, 14, 15.

12. **Special Morphology of Bryophytes.***—Critical studies of typical liverworts and mosses, accompanied by lectures upon their morphology, relationships, and origin.
 DMj. Winter Quarter, 1908
 Lectures: Mon., Wed., 9:30.
 Laboratory: Tues., Thurs., Fri., 8:30-10:30.
 PROFESSOR BARNES AND DR. CHAMBERLAIN
 Prerequisite: *Courses 4 and 8.*
 (Laboratory fee, \$2.50)
13. **Special Morphology of Pteridophytes.***—Similar in method and purpose to Course 12, the lectures also discussing the relation of the group to Spermatophytes. DMj. Summer Quarter
 Spring Quarter, 1908
 Lectures: Mon., Wed., 9:30; conference, Fri., 9:30.
 Laboratory: Tues., Thurs., Fri., 8:30-10:30.
 PROFESSOR COULTER AND DR. CHAMBERLAIN
 Prerequisite: *Courses 4 and 8.*
 (Laboratory fee, \$2.50)
14. **Special Morphology of Gymnosperms.***—Critical studies of the gymnosperm types are made, and a course of lectures discusses the morphology, genetic relationships, and origin of the group, both ancient and modern.
 DMj. Winter Quarter
 Lectures: Mon., Wed., 9:30; conference, Fri., 9:30.
 Laboratory: Tues., Thurs., Fri., 8:30-10:30
 PROFESSOR COULTER AND DR. CHAMBERLAIN
 Prerequisite: *Courses 4 and 9.*
 (Laboratory fee, \$2.50)
15. **Special Morphology of Angiosperms.***—A continuation of Course 14, treating monocotyledons and dicotyledons. DMj. Spring Quarter
 Lectures: Mon., Wed., 9:00.
 Laboratory: Tues., Thurs., Fri., 8:00-10:00.
 PROFESSOR COULTER AND DR. CHAMBERLAIN
 Prerequisite: *Courses 4 and 9.*
 (Laboratory fee, \$2.50)
16. **Special Anatomy of the Vascular System.**—A study of the vascular system of plants from the standpoint of phylogeny, being the morphology of the vascular tissues. Mj. Spring Quarter
 Lectures: Tues., Thurs., 9:30.
 Laboratory: Mon., Wed., Fri., 8:30-10:30.
 PROFESSOR COULTER AND DR. LAND
 Prerequisite: *Courses 5, 7, 8, and 9.*
 (Laboratory fee, \$2.50)
17. **Cytology.**—This course deals with the structure and life-history of the plant cell. Special attention will be given to the bearing of cytology upon theories of heredity and evolution. Designed for research students.
 Mj. Summer and Winter Quarters
 Summer Quarter:
 Lectures: Mon. and Wed., 10:30.
 Laboratory: Tues., Thurs., Fri., 10:30-12:30.
 Winter Quarter:
 Lectures: Mon. and Wed., 2:00.
 Laboratory: Tues., Thurs., Fri., 2:00-4:00.
 DR. CHAMBERLAIN
 Prerequisite: *Course 4.*
 (Laboratory fee, \$2.50)
18. **Advanced Morphology.**—Designed for advanced students who wish to prosecute further studies in the morphology of any particular group, without undertaking a definite problem in research. Instructor must be consulted before registering.
 PROFESSORS COULTER AND BARNES, AND
 DR. CHAMBERLAIN
 Prerequisite: the course in *Special Morphology* of group chosen.
 (Laboratory fee, \$2.50)
19. **Research in Morphology.**—Only those students will be admitted to this work whose training in technique and special morphology enables them to be independent. Mj or DMj.
 Throughout the year.
 PROFESSORS COULTER AND BARNES, AND
 DR. CHAMBERLAIN
 (Laboratory fee, \$2.50)
20. **Plant Physics.**—This course is designed to acquaint the student with the plant processes which are essentially physical, such as maintenance of bodily form, turgor, absorption, movement of substances in the body, and transpiration. Mj or DMj. Autumn Quarter
 Lectures: Mon., Wed., 3:00.
 Laboratory: Tues., Thurs., Fri., 2:00-4:00.
 PROFESSOR BARNES AND DR. McCALLUM
 Prerequisite: *Course 2.* Desirable antecedents: *Physics, 1, 2, 3, 11; Botany, 3, 5, 7, 8, 9.*
 (Laboratory fee, \$2.50)
21. **Plant Chemicals.**—A continuation of Course 20, devoted to the study of metabolism, including the manufacture, digestion, and assimilation of foods; respiration; waste products. Mj or DMj. Winter Quarter
 Lectures: Mon., Wed., 3:00.
 Laboratory: Tues., Thurs., Fri., 2:00-4:00.
 PROFESSOR BARNES AND DR. McCALLUM
 Prerequisite: *Course 2.* Desirable antecedents: *Chemistry 1, 2, 3, 4; Botany 20.*
 (Laboratory fee, \$2.50)

* See footnote on preceding page.

22. **Growth and Movement.** — A continuation of Courses 20 and 21. The phenomena of growth and movement will be examined with especial reference to the influence of external agents upon them through irritability.

Mj or DMj. Spring Quarter

Lectures: Mon., Wed., 3:00.

Laboratory: Tues., Thurs., Fri., 2:00-4:00.

PROFESSOR BARNES AND DR. McCALLUM

Prerequisite: *Course 2*. Desirable antecedents: *Courses 20, 21*.

(Laboratory fee, \$2.50)

29. **Research in Physiology.** — Requires special training in physiology and the fundamental physics and chemistry. Registration only after consultation.

PROFESSOR BARNES

(Laboratory fee, \$2.50)

30. **Ecological Anatomy.** — Plant tissues from the standpoint of origin and function; follows or runs parallel with *Course 3*.

Mj. Autumn Quarter

M. First Term, Summer Quarter

Lectures: Tues., Thurs., 11:00.

Laboratory: Mon., Wed., Fri., 11:00-1:00.

DR. COWLES

Prerequisite: *Courses 1, 2, 3*.

(Laboratory fee, \$2.50)

32. **Geographic Botany.** — This course presents regional and world problems, in contrast to the local field problems treated in *Courses 3* and *34*.

Mj. Winter Quarter

Lecture or Conference daily: 8:30.

DR. COWLES

Prerequisite: *Course 3*, and preferably *Historical Geology*.

34. **Physiographic Ecology.** — Origin, development, and death of the various plant associations, especially such as are found in the United States and Canada. Mj. Spring Quarter

Lectures: Mon. and Fri., 4:00.

Field-work: Wed. afternoon and Sat. forenoon, or all day Sat.

DR. COWLES

Prerequisite: *Course 3, Physiography*, and preferably *Geographic Geology*.

36. **Field Ecology.** — Designed to supplement the local work in Ecology at the University. The whole time of the student will be required while in the field; the remainder of the term may be devoted to the preparation of a report. M, DM, or 3M, depending upon the quantity and quality of the work accomplished.

Second Term, Summer Quarter

DR. COWLES

38. **Seminar in Ecology.** — This course is intermediate between *Courses 30-35* and research work. In general, the Seminar work for each Quarter will run parallel with the Ecological Course (30-34) given at the time.

Mj or DMj

DR. COWLES

39. **Research in Ecology.** — This course requires special training in ecology, and in related lines of study, especially geology and plant physiology. Registration only after consultation.

DR. COWLES

40. **Elementary Plant Pathology.** — A study of the life-histories of the commoner forms of parasites together with their physiology and that of the infected plants. Special attention will be given to the relation between parasite and host. Field trips for recognizing and collecting material.

Mj. Autumn Quarter

Lectures: Tues., Thurs., 3:00.

Laboratory: Mon., Wed., Fri., 2:00-4:00.

DR. HASSELBEING

Prerequisite: *Courses 2 and 6 or equivalents*.

XXVIII. THE DEPARTMENT OF PATHOLOGY AND BACTERIOLOGY

OFFICERS OF INSTRUCTION

LUDVIG HEKTOEN, M.D., *Professor of Pathology, and Head of the Department of Pathology and Bacteriology.*

EDWIN OAKES JORDAN, Ph.D., *Associate Professor of Bacteriology.*

HARRY GIDEON WELLS, Ph.D., M.D., *Assistant Professor of Pathology.*

PRESTON KYES, A.M., M.D., *Assistant Professor of Experimental Pathology.*

HOWARD TAYLOR RICKETTS, M.D., *Instructor in Pathology.*

BROWN PUSEY, M.D., *Instructor in the Pathology of the Eye.*

NORMAN MACLEOD HARRIS, M.B., *Instructor in Bacteriology.*

THOR ROTHSTEIN, M.D., *Instructor in Neuropathology.*

— *Assistant in Pathology.*

PAUL GUSTAV HEINEMANN, S.B., *Assistant in Bacteriology.*

MARY HEFFERAN, Ph.D., *Curator of the Bacteriological Museum.*

WILFRED HAMILTON MANWARING, S.B., M.D., *Assistant in Pathology* (Summer Quarter, 1906).

FELLOWS, 1906-7

ROBERT LOUIS BENSON, A.M. (Pathology.) HERBERT MARCUS GOODMAN, S.B. (Bacteriology.)

BENJAMIN TAYLOR TERRY, A.M., M.D. (Traveling Fellow in Pathology.)

INTRODUCTORY

The courses offered by the Department include such as cover the required work in Pathology and Bacteriology in the curriculum of the first two years in the study of Medicine, as well as advanced courses arranged for those desiring a more extended knowledge of the subjects, and for those wishing to qualify themselves for research.

The Department possesses all necessary equipment for pathologic and bacteriological work. Abundant deskroom, with lockers is provided. There is a good museum for teaching purposes, and an ample special library containing complete files of the important serials. Sufficient material and apparatus for advanced work and special research are provided.

For each Major or Double Minor Course requiring laboratory work the laboratory fee is \$2.50.

COURSES OF INSTRUCTION

SENIOR COLLEGE COURSES

1A. *Pathogenic Bacteria.*—General aspects of Bacteriology, designed primarily for Medical students.

120 hours. 1½Mj. Summer Quarter; 1:30-4:30

DR. HARRIS AND MR. HEINEMANN

Repeated in Autumn Quarter.

Sec. a, daily 2:00-4:00

Sec. b, daily 11:00-1:00

ASSOCIATE PROFESSOR JORDAN,

DR. HARRIS, MR. HEINEMANN,

AND MR. GOODMAN

1B. *General Bacteriology.*—For Non-Medical students.

1Mj. Spring Quarter

MR. HEINEMANN AND MR. GOODMAN

2A. *General Pathology and Pathological Histology.*—

A practical laboratory course in general pathologic histology, supplemented by experiment,

by the study of fresh and museum specimens, and by recitations in general pathology.

108 hours.

1Mj. Winter Quarter

ASSISTANT PROFESSOR WELLS, DR. RICKETTS,
AND ASSISTANTS

Prerequisite: *Histology, Bacteriology, General Physiology, Human Anatomy and Physiological Chemistry.*

2B. *General Pathology and Pathological Histology.*

Continuation of 2A in Spring Quarter.

108 hours. Mj

(2A and 2B will be given each Summer Quarter as 2DM.)

ASSISTANT PROFESSOR WELLS,
DR. RICKETTS, AND ASSISTANTS

3. **Lectures in General Pathology.**—Supplementary to Course 2B. $\frac{1}{2}$ Mj. Spring Quarter
THE INSTRUCTORS OF THE DEPARTMENT
4. **Advanced Bacteriology.**—Open to a limited number of specially prepared students and graduates in medicine. Lectures on specially selected topics. Repeated each Quarter. Hours to be arranged. Mj
ASSOCIATE PROFESSOR JORDAN
AND DR. HARRIS
5. **Public Hygiene.**—The applications of Bacteriology to municipal hygiene. Water supply, food supply, sewage disposal, etc. Mj. Spring Quarter
ASSOCIATE PROFESSOR JORDAN
- 7A. **Principles of Hygiene.**—An elementary laboratory course for high-school teachers. Laboratory work ten hours a week.
M. First Term, Summer Quarter
DR. MANWARING
- 7B. **The Nature of Disease.**—A non-technical course covering important facts about disease. Designed especially for non-medical students. Lectures and laboratory work.
M. Second Term, Summer Quarter
DR. MANWARING
- GRADUATE COURSES
8. **Pathology of the Eye.**—Special advanced pathology for practicing physicians and advanced students. DM. First Term, Summer Quarter
Hours arranged for each student.
DR. PUSEY
9. **Advanced Pathology.**—Open to a limited number of students who have credit in general pathology. Laboratory work will be given in pathological technique, the study and recording of autopsies, and special pathological material. Weekly conferences.
Mj. Each Quarter
Hours arranged for each student.
ASSISTANT PROFESSOR WELLS
OR DR. RICKETTS
10. **Research in Pathology.**—Open to a limited number of specially qualified students and graduates in medicine. Mj or DMj. Each Quarter
Hours to be arranged for each student.
PROFESSOR HEKTOEN, ASSISTANT PROFESSOR WELLS, AND DR. RICKETTS
11. **Research in Bacteriology.**
Mj or DMj. Each Quarter
ASSOCIATE PROFESSOR JORDAN
AND DR. HARRIS
- 12A. **Special Pathology.**—A course of recitations, with demonstrations of anatomical specimens, on the pathological processes occurring in the different viscera. $\frac{1}{2}$ Mj. Summer Quarter
Hours to be arranged.
ASSISTANT PROFESSOR WELLS
Prerequisite: *General Pathology*.
- 12B. **Special Pathology (Laboratory Course).**—Supplementary to 12A.
 $\frac{1}{2}$ Mj. Summer Quarter
Hours arranged for each student.
ASSISTANT PROFESSOR WELLS
- 13A. **Laboratory Course in Immunity.**—Immunization of animals. Cytolysis (including hemolysis and bacteriolysis), agglutination, toxins and antitoxins, etc. An experimental course.
 $\frac{1}{2}$ Mj or M. Summer Quarter
Hours to be arranged. DR. RICKETTS
Prerequisite: *Bacteriology and General Pathology*.
- 13B. **Lecture Course in Immunity.**—This will include a consideration of the theories of immunity, the reactions and substances concerned, and the present status of immunity in various infectious diseases; also compensation and adaptation in disease processes.
Supplementary to 13A, but may be taken independently. $\frac{1}{2}$ M or M. Summer Quarter
Hours to be arranged. DR. RICKETTS
Prerequisite: *Bacteriology and General Pathology*.
14. **Bacteriology of Autopsies.**—Open to a limited number of students. Study will be made of bacteriological material obtained at autopsies. Conferences weekly. This course is associated with Course 9. Mj. Each Quarter
ASSISTANT PROFESSOR WELLS
OR DR. RICKETTS
15. **Pathology of the Nervous System.**—Special pathology of the nervous system for practicing physicians and advanced students.
M or DM. First Quarter
DR. ROTHSTEIN
16. **Sanitary Aspects of Milk Supply.**—Practice in laboratory methods of the examination of milk. Limited to six students. Mj. Winter Quarter
Hours to be arranged. DR. HARRIS
Prerequisite: *Chemistry and Bacteriology*.
(Laboratory fee, \$2.50)
(Not to be given in 1907)

XXXI. THE DEPARTMENT OF PUBLIC SPEAKING

OFFICERS OF INSTRUCTION

SOLOMON HENRY CLARK, Ph.B., *Associate Professor of Public Speaking.*
 FREDRIC MASON BLANCHARD, A.M., *Assistant Professor of Public Speaking.*
 WILLIAM PIERCE GORSUCH, A.B., *Instructor in Public Speaking.*
 BERTRAM GRIFFITH NELSON, A.B., *Associate in Public Speaking.*

INTRODUCTORY

SPECIAL REGULATIONS

1. All students in the Junior Colleges take courses in this Department.
2. The required work is two hours a week during two consecutive Quarters, beginning either in October or in January.
3. The required work is taken immediately after the completion of the first required Major in Rhetoric and English Composition.
4. Students entering with advanced standing are not excused from required public speaking unless they present to the Department satisfactory evidence of having done work reasonably equivalent to that required in the University of Chicago.

COURSES OF INSTRUCTION

JUNIOR COLLEGE COURSES

- 1A. Required Public Speaking.—Courses 1A and 1B are required of all candidates for a Baccalaureate degree. The classes meet two hours a week during two consecutive Quarters, beginning either in October or January, and are taken immediately after the completion of the first required Major in Rhetoric and English Composition. The courses may also be taken in daily work during the Summer Quarter. The work consists of (1) the study of the principles of oral discourse; (2) the analysis and declamation of excerpts from selected speeches; and (3) the making of original addresses. The object of the required courses is to give every student the opportunity to develop a direct, earnest, and dignified manner in public speaking.

Summer Quarter, First Term; Mon.—Fri.

Section a, 11:30

Section b, 1:30

MR. GORSUCH

Autumn Quarter—

Section a (*Men*) Mon. and Thurs., 11:00

Section b (*Women*) Tues. and Fri., 11:00

Section c (*Men*) Mon. and Thurs., 12:00

Section d (*Women*) Tues. and Fri., 12:00

Section e (*Men*) Mon. and Thurs., 2:00

Section f (*Women*) Tues. and Fri., 2:00

Section g (*Men*) Mon. and Thurs., 3:00

Section h (*Women*) Tues. and Fri., 3:00

MESSRS. GORSUCH AND NELSON

Winter Quarter—

Section a (*Men*) Mon. and Thurs., 11:00

Section b (*Women*) Tues. and Fri., 11:00

Section c (*Men*) Mon. and Thurs., 12:00

Section d (*Women*) Tues. and Fri., 12:00

Section e (*Men*) Mon. and Thurs., 2:00

Section f (*Women*) Tues. and Fri., 2:00

Section g (*Men*) Mon. and Thurs., 3:00

Section h (*Women*) Tues. and Fri., 3:00

MESSRS. GORSUCH AND NELSON

- 1B. Required Course (continued).—This course supplements Course 1A and completes the required work.

Summer Quarter, Second Term; Mon.—Fri.

Section a, 11:30

Section b, 1:30

MR. GORSUCH

Winter Quarter—

Section a (*Men*) Mon. and Thurs., 11:00

Section b (*Women*) Tues. and Fri., 11:00

Section c (*Men*) Mon. and Thurs., 12:00

Section d (*Women*) Tues. and Fri., 12:00

Section e (*Men*) Mon. and Thurs., 2:00

Section f (*Women*) Tues. and Fri., 2:00

Section g (*Men*) Mon. and Thurs., 3:00

Section h (*Women*) Tues. and Fri., 3:00

MESSRS. GORSUCH AND NELSON

Spring Quarter—

Section a (*Men*) Mon. and Thurs., 11:00

Section b (*Women*) Tues. and Fri., 11:00

Section <i>c</i> (<i>Men</i>)	Mon. and Thurs.,	12:00
Section <i>d</i> (<i>Women</i>)	Tues. and Fri.,	12:00
Section <i>e</i> (<i>Men</i>)	Mon. and Thurs.	2:00
Section <i>f</i> (<i>Women</i>)	Tues. and Fri.,	2:00
Section <i>g</i> (<i>Men</i>)	Mon. and Thurs.,	3:00
Section <i>h</i> (<i>Women</i>)	Tues. and Fri.,	3:00

MESSERS. GORSUCH AND NELSON

2. **Voice and Action in Public Speaking.**—This is a course dealing with fundamental principles involved in the use of the voice and body in speaking. Such attention as necessary is given to anatomy, physiology, and hygiene and their relation to health and expression. Gesture as an accompaniment of speech is treated in theory and practice. Illustrative selections from standard literature are studied and presented. Original speeches are made. By daily appearance before the class the student is trained in correct breathing, tone production, variety and volume of voice; and in thinking and speaking in the presence of an audience.

Mj. (or M. Either term); Summer Quarter; 9:00

Mj. Autumn Quarter; 8:30

ASSISTANT PROFESSOR BLANCHARD

6. **Interpretation of the Printed Page.**—The purpose of this course is to train the student to discover the contents of the printed page. The phrase is regarded as the unit of thought; and, with this as the point of departure, the student studies the printed page as a series of phrase units with different mental and emotional values. Accuracy of observation and care in analysis are the principal objects to be attained, together with the ability to read aloud simply, easily, and naturally without any effort after an art product.

Mj. Autumn Quarter; 11:00

ASSOCIATE PROFESSOR CLARK

SENIOR COLLEGE COURSES

3. **Inductive Studies in Oratory.**—In these studies the history of oratory and orators is surveyed, and the student made familiar with the methods employed by the world's great public speakers. Speeches, addresses, and orations characteristic of most public occasions are analyzed and declaimed. The psychological principles involved in the management of audiences are discussed and practiced. Attention is given to Introduction, Narration, Partition, Discussion, and Conclusion as distinct parts of a speech. Each student presents original examples of the forms of oratory

studied. Continued experience in speaking before the class brings ease, precision, and effectiveness in the use of voice and gesture.

Mj. Spring Quarter; 8:30

ASSISTANT PROFESSOR BLANCHARD

4. **Preparation and Delivery of Addresses.**—In addition to continued practice in the technique of public speaking, students are here given special experience in choosing subjects, gathering material, deducing themes, formulating plans, and developing miscellaneous addresses and orations. Each member of the class appears in short after-dinner speeches, political speeches, platform lectures, commemorative addresses, dedicatory addresses, deliberative speeches, sermons, and at least one long oration. Some of the addresses are presented from manuscript, some memoriter, and a few extempore. The student is made familiar with all of the usual forms of public speaking.

Mj. Autumn Quarter; 9:30

ASSISTANT PROFESSOR BLANCHARD

5. **Extemporaneous Speaking.**—The theory of extempore speaking is presented and applied to the daily work of the class. Voice and gesture are subjected to most rigorous tests. The student is compelled to make rapid formulation of his thought, and to present the same in an attractive and effective manner. Current topics and subjects of general interest are subjected for study. Careful preparation of material is required, and plans of speeches are made in advance; but the choice of language is left for the moment of speaking.

Mj. Spring Quarter; 9:30

ASSISTANT PROFESSOR BLANCHARD

7. **Principles of Vocal Expression.**—This course continues the work begun in Course 6. The criteria of vocal expression are studied from the psychological viewpoint. The relation of time, pause, pitch, melody, inflection, quality, force to speech is demonstrated. The student is here made acquainted with the elements that make the composite mass—vocal expression, thus developing the power of self-analysis, and furnishing him with standards of criticism that enable him to judge his own vocal expression. Much stress is laid on the development of spontaneity, while at the same time the student is trained to control and guide this spontaneity as a preparation for artistic work. The standards of criticism pre-

sented are applied to the daily reading or recitation of the class.

Mj. Winter Quarter; 8:30

ASSOCIATE PROFESSOR CLARK AND
ASSISTANT PROFESSOR BLANCHARD

8. **Vocal Expression as Art.**—Students prepare selections and present them before the class for criticism. The general art principles, such as unity, principality, subordination, climax, contrast, and values, which underlie music, literature, painting, sculpture, and architecture are shown to underlie the art of reading.

Impersonation, gesture, dialect, reading and recitation with and without the reading desk, the preparation of programs, "cutting" and adapting selections for the platform, receive special attention.

Mj. Spring Quarter; 2:00

ASSOCIATE PROFESSOR CLARK

9. **The Vocal Interpretation of Poetry.**—The primary purpose of the course is to show what poetry is. It deals with various aspects of poetic art. Typical examples are discussed and analyzed, with the object of furnishing standards of criticism, and of enhancing the student's appreciation.

I. Intellectual, imaginative, and emotional aspects of literature.

II. The elements of lyric, epic, and dramatic poetry.

III. Rhythm, rhyme, alliteration, assonance, tone-color, etc.

IV. Analysis as a preparation for oral expression.

The student's appreciation of the literature discussed is constantly tested through his vocal expression.

DM. First Term, Summer Quarter; 9:00, 2:30

ASSOCIATE PROFESSOR CLARK
AND MR. NELSON

Mj. Autumn Quarter; 12:00

ASSOCIATE PROFESSOR CLARK

10. **Artistic Reading.**—The purpose of this course is to give special preparation for public reading. The student chooses, arranges, and presents complete programs, of miscellaneous numbers, adapted stories, and entire plays. Through the application of the principles studied in all the preceding courses he now purposes to present a finished art product. His work receives the helpful yet searching criticism of the instructor and the class as a preparation for the unsparing criticism of life.

Mj. Winter Quarter; 9:30

ASSOCIATE PROFESSOR CLARK AND
ASSISTANT PROFESSOR BLANCHARD

11. **The Teaching of Reading.**—The aims of this course are (1) to give the teacher a sound basis for class work—that is, a knowledge of the psychology of expression; (2) to lay out a definite method which shall apply to each grade (particularly to those above the second), and to the school as a whole; (3) to show the relation between vocal expression and literary interpretation, and to discuss briefly the underlying principles of the latter; and (4) to train the teacher, to such an extent as the size of the class permits in reading aloud.

DM. First Term, Summer Quarter; 8:00; 1:30

ASSOCIATE PROFESSOR CLARK
AND MR. NELSON

Mj. Spring Quarter; 3:00

ASSOCIATE PROFESSOR CLARK

XXXII. THE DEPARTMENT OF PHYSICAL CULTURE AND ATHLETICS

OFFICERS OF INSTRUCTION

AMOS ALONZO STAGG, A.B., *Professor and Director of the Division of Physical Culture and Athletics.*

JOSEPH EDWARD RAYCROFT, A.B., M.D., *Assistant Professor of Physical Culture, and Medical Examiner (Men).*

GERTRUDE DUDLEY, *Instructor in Physical Culture.*

HANNAH LOUISA LIVERMORE, *Assistant in Physical Culture.*

OSCAR A. KNUDSON, *Assistant in Physical Culture.*

WILFRED LEONARD CHILDS, *Assistant in Physical Culture.*

CHARLES AUGUSTUS SARTAIN, *Assistant in Physical Culture.*

SARAH GUYER, *Assistant in Physical Culture.*

AGNES REBECCA WAYMAN, A.B., *Coach of Women's Athletic Teams.*

CHARLES PORTER SMALL, M.D., *Medical Examiner (Women).*

STATEMENT OF WORK

A. GENERAL

In so far as it is the function of education to train the growing individual for usefulness in life, to that extent physical education must demand attention in any proper scheme of educational work, since the capacity for usefulness is so largely determined by the physical health of the individual.

This Division is organized to supply the opportunity for such physical work as experience has shown to be necessary under modern conditions, to counteract the deleterious effects of close application to mental work, and to favor the attainment by the student body of a high state of physical efficiency.

The work of this Division is organized under these heads:

A. Hygienic: (1) to aid function; (2) to develop form; (3) to correct undeveloped or deformed parts.

B. Educative: (1) to perfect nervous control; (2) to gain mental and moral self-control; (3) to develop muscular strength and endurance.

C. Recreative.

In order that these needs may be adequately supplied a large variety of work—hygienic, recreative, corrective, and competitive—is offered in regularly organized classes, in both gymnastics and athletics. Large opportunities are offered for individual work outside of the class organization, and provision is made for advice and assistance in such work.

Class work in Physical Culture is required of all undergraduate students not excused on account of physical disability, during four half-hours a week. Six Quarters' work in Physical Culture is required of Junior College students, and four Quarters, of Senior College students. Students taking an excessive number of cuts will not be allowed to continue their University work until they shall conform to the requirements. Absences from Physical Culture count toward the extra Minor required for every thirty absences accrued in any two consecutive Quarters of a student's work. Should the number of a student's absences reach 25 per cent. of the whole number of class exercises, credit will be given for only half of the course. No credit will be given when the number of absences equals 50 per cent. of the class exercises.

It is intended that a thorough physical examination shall preface the work of every student in physical training. This examination will be made as soon as possible after the student enters the University and at

intervals during his course. On the basis of information gained from this examination, suggestions for work and advice on health topics will be given each individual by the Medical Examiner.

No one will be permitted to study for four consecutive Quarters in the University, or to do extra normal work, i. e., more than three courses per Quarter, without first obtaining a statement from the Medical Examiner to the effect that the extra work may be attempted without a probable injury to the health of the student.

B. WORK FOR WOMEN

The plan of work is threefold: general class work, elective athletic work and corrective work. The general class work consists of tactics, free standing, hand and heavy apparatus work, fancy steps and gymnastic games. This work is graded elementary, intermediate and advanced, thus offering the students a change of work from year to year. The athletic work, which is elective, is taken in combination with the class work—two periods of each week—in order that the student, by this combination may obtain the best possible development. The corrective work is given under special supervision to all those who are in need of special development, and also to those who are unable to do the regular class work. The elective athletic work is done under the direction of the Department and consists in the different seasons of basket-ball, indoor and outdoor baseball, field and ring hockey, roller and ice skating, tennis, golf, rowing and swimming, with fencing, fancy dancing, advanced club swinging, tactic and apparatus work. The competitive side of the work is developed by match games during the year, culminating in the annual championship games for the silver cup and the banner between the Junior and Senior College Teams, and with tournaments in the other sports and an annual gymnastic contest.

C. WORK FOR MEN

In addition to the regular class drill, a certain part of which consists of training in athletic sports, the University is represented by teams in the following sports: football, baseball, track and field athletics, tennis, basket-ball, water polo, and golf. Other teams besides these are formed to give the University teams practice. The plan of the Department contemplates the organization of class and college teams, Medical, Law, and Divinity School teams. This has already been accomplished in the Freshman class and in the four Junior Colleges.

Faithfulness and intelligence in training and practice count for more in securing places on the teams than individual brilliancy and natural ability alone.

BUILDINGS

Lexington Gymnasium.—The Lexington Hall Gymnasium is a temporary structure, built in the winter of 1903. It offers an unobstructed floor space, 70 by 71 feet, is partially equipped with new apparatus, and is provided with lockers, dressing-rooms, shower baths, and offices.

Bartlett Gymnasium.—The new Bartlett Gymnasium, a memorial to Frank Dickinson Bartlett, has been in use since the Autumn Quarter, 1903. It was formally dedicated on January 29, 1904. The building with equipment has cost over \$275,000. It is 200 feet long by 80 feet wide. The basement floor contains three large dressing-rooms for the University and visiting teams, shower baths, Turkish baths, rubbing-room, stock-room, vaults, etc. The first floor has space for 1,500 lockers, 25 shower baths, a swimming-tank, Faculty exercising-room, and offices. The swimming-tank is 60 by 28 feet—a very convenient size for conducting swimming races. It is beautifully fitted up with white tile. A gallery with seats for 200 people overlooks the water. The second or top floor is the exercising-room; it extends over the whole building, and is entirely free from pillars. A running track, varying in width from 12 feet 6 inches to 16 feet 6 inches, with 13.4 laps to the mile, extends around the walls 12 feet above the floor. The gymnasium has been equipped with the best and most modern appa-

tus, a large part of which is new in design and was made especially for this building. Provision has been made by multiplying pieces of apparatus for the exercising of large squads of men at one time with the smallest loss of time to the individual. A large triple batting-cage has been installed for winter baseball practice, and bleachers which will accommodate 900 persons have been built for use at athletic meets.

GROUND

For Women.

- a) Outdoor Gymnasium. A turfed field, 90 by 60 feet, adjoins the Lexington Gymnasium, and is used when the weather permits for class work and gymnastic games.
- b) Hockey Field. The field at the corner of Woodlawn Avenue and Fifty-eighth Street is marked out and is used for hockey.
- c) Athletic Field. The northeast corner of Marshall Field has been fenced off and is used for basketball, baseball, and other sports.

For Men.

- a) Marshall Field includes two city squares and is fully equipped for all kinds of squad and competitive work.
- b) Two concrete handball courts have been built west of the Bartlett Gymnasium for common use.

In addition to the above fields and courts there are 19 tennis courts on the campus, which are used by both men and women students.

THE DIVINITY SCHOOL

THE GRADUATE DIVINITY SCHOOL

***XL. THE DEPARTMENT OF OLD TESTAMENT LITERATURE
AND INTERPRETATION***

For Officers of Instruction and courses in this Department, see Department VIII (Semitic Languages and Literatures) pp. 184-192 of this Register.

***XLII. THE DEPARTMENT OF NEW TESTAMENT LITERATURE
AND INTERPRETATION***

For Officers of Instruction and courses in this Department, see Department IX (Biblical and Patristic Greek) pp. 193-198 of this Register.

XLIII. THE DEPARTMENT OF BIBLICAL THEOLOGY**OFFICERS OF INSTRUCTION**

*WILLIAM RAINEY HARPER, Ph.D., D.D., LL.D., *Professor and Head of the Department of the Semitic Languages and Literatures.*

ERNEST DE WITT BURTON, D.D., *Professor and Head of the Department of New Testament Literature and Interpretation.*

IRA MAURICE PRICE, Ph.D., LL.D., *Professor of the Semitic Languages and Literatures.*

SHAILER MATHEWS, A.M., D.D., *Professor of New Testament History and Interpretation.*

HERBERT LOCKWOOD WILLETT, Ph.D., *Assistant Professor of the Semitic Languages and Literatures.*

CLYDE WEBER VOTAW, Ph.D., *Assistant Professor of New Testament Literature.*

JOHN MERLIN POWIS SMITH, Ph.D., *Instructor in the Semitic Languages and Literatures.*

INTRODUCTORY

Biblical Theology, in that sense of the term in which it is employed in the title of this Department, is an historical science. Its object is to determine from the interpretation of the existing books of the Bible what were the ethical and religious beliefs of the several prophets, teachers, and writers, or of the several groups of related writers who represent distinct types of teaching, to state the beliefs of each such person or group in the relation to one another which they sustained in the mind of those who held them, and to trace the history of these ideas. It presupposes interpretation and accepts its results so far as they are well attested. Recognizing the possibility of difference of point of view on the part of different biblical writers, and of progress in the process of divine revelation, it has for its whole task the discovery and construction of the history of revelation as recorded in the Bible.

COURSES OF INSTRUCTION**A. OLD TESTAMENT**

A34. Hebrew Legislative Codes.—Comparative study of portions of these codes with reference to (a) their interrelations, (b) their style and vocabulary, (c) their contents and meaning.

PROFESSOR W. R. HARPER

A38. Prophecy, and the History of Prophecy.—A study of prophecy upon the basis of a classification of the prophetic material according to (1) the historical periods, (2) the work of the prophet, (3) the principal ideas of prophecy.

PROFESSOR W. R. HARPER

*Died January 10, 1906.

- A40. Messianic Prophecy.**—A study in chronological order of the Messianic prophecies of the Old Testament; together with a brief discussion of the principal topics connected with the subject of prophecy; the relation of each particular prophecy to all others in the series, and to its New Testament fulfilment. Mj
PROFESSOR PRICE
- A42. Hebrew Philosophy and Ethics.**—A study of the contents of Job, Proverbs, Ecclesiastes, and the later Psalms, including a study of Hebrew Philosophy in general taking up (a) its history (canonical; post-canonical), forms, and contents; (b) its relation to the philosophy of other nations; (c) its relation to the Hebrew Law; (d) its relation to Hebrew Prophecy; (e) its teachers compared with the prophets; (f) its general scope and importance. [This course is open only to those who are able to read Hebrew fluently.]
PROFESSOR W. R. HARPER
- A48. The Form and Contents of Early Old Testament Traditions.**—(1) A study of the several documents of which the Hexateuch is composed; and (2) a comparison of the early Hebrew traditions with similar traditions of other peoples. Mj. Winter Quarter, 1907
DR. SMITH
- A54. Seminar in Old Testament Theology.**
A. The Doctrine of God. PROFESSOR W. R. HARPER
B. The Doctrine of Sin. PROFESSOR W. R. HARPER
C. The Doctrine of Atonement. PROFESSOR W. R. HARPER
- A56. The Religion of Israel Prior to the Exile.** Mj. Summer Quarter, 1906
DR. SMITH
- A74. Biblical Apocalyptic.**—A study of apocalyptic in the Old Testament, with special reference to the Book of Daniel, and comparison of the extra-canonical apocalypses and the Book of Revelation. Mj. Summer Quarter, 1907
ASSISTANT PROFESSOR WILLETT
- A84. The Origin, Growth and Character of the Prophetic Books.** Mj. Winter Quarter, 1907
PROFESSOR PRICE
- A80. Beginnings of Old Testament Literature and History.** Mj. Autumn Quarter, 1906
DR. SMITH
- A81. The Priestly Element in the Old Testament.** Mj. Spring Quarter, 1906
PROFESSOR PRICE
Mj. Summer Quarter, 1906
DR. SMITH
- A82. The Wisdom Element in the Old Testament.** Mj. Spring Quarter, 1907
DR. SMITH

B. NEW TESTAMENT

[For fuller description and prerequisites of the following courses, see Courses 60-69 in Department IX]

- B60. Theology of the New Testament.**—The principal teachings of Jesus, and of the leading New Testament writers. An outline course from the historical point of view. Mj. Summer Quarter, 1906
PROFESSOR BURTON
- B61. Theology of the Synoptic Gospels.**—A Seminar. Mj. Spring Quarter, 1906; Tues. and Fri., 4:00-6:00
PROFESSOR BURTON
- B62. Theology of the Gospel and First Epistle of John.**—A Seminar. Mj. Spring Quarter, 1907; Tues. and Fri., 4:00-6:00
PROFESSOR BURTON
- B63. The Teaching of Jesus.** Mj. Winter Quarter, 1907; 3:00
ASSISTANT PROFESSOR VOTAW
- B63. The Religious Teaching of Jesus.**—On the basis of the gospel records. PROFESSOR MATHEWS
- B66. Theology of the Second Group of the Epistles of Paul.**—A Seminar. Mj
PROFESSOR BURTON
- B68. The Ethical Teachings of the New Testament.** Mj. PROFESSOR MATHEWS
- B69. The Doctrine of Atonement in the New Testament.** PROFESSOR BURTON

XLIV. THE DEPARTMENT OF SYSTEMATIC THEOLOGY

OFFICERS OF INSTRUCTION

SHAILER MATHEWS, A.M., D.D., *Professor of Systematic Theology.*

GERALD BIRNEY SMITH, A.M., D.B., *Assistant Professor of Systematic Theology.*

FELLOWS, 1905-6

DOUGLAS CLYDE MACINTOSH, A.B.

HARRY LEROY TAYLOR, A.B., D.B.

INTRODUCTORY

The aim of the Department of Systematic Theology is to set forth and to vindicate both the content of the knowledge which accrues to Christian faith and those moral relations which are a necessary expression of that faith. This task is prosecuted on the basis of the historical sources of the Christian religion and with due consideration of the historic expressions of Christian belief. It will thus appear that the historical sciences of biblical theology and of biblical ethics as well as of the history of dogma are the indispensable presuppositions of the normative sciences of Christian dogmatics and of Christian ethics. The instruction in the Department has both a scientific and a religious end; the former, to promote the understanding of theological problems, the latter, to train ministers for efficient service in the church.

REQUIREMENTS FOR DEGREES

1. As prerequisite to acceptance as a candidate for a degree, twelve Majors of theological study must have been completed, three of which shall have been in the Department of Systematic Theology.

2. The general requirements for the degree of D.B. are found above. The three required courses in Systematic Theology are 1, 2, and either 3 or 4.

3. In addition to the general regulations for the degree of Ph.D. the candidate must meet the following prerequisites: (a) A general knowledge of the History of Philosophy; (b) Course 10 in the Department of Comparative Religion, or its equivalent.

The degree will be granted only to those who in addition have taken such courses as may be prescribed by the Department of Systematic Theology. The precise number of Majors cannot be stated in advance. The degree is granted only to those who give evidence of high scholarly attainments and ability to conduct independent theological research.

COURSES OF INSTRUCTION

1. **Introduction to Systematic Theology.**—An elementary course designed to serve as an introduction to theological study. The task and the subject-matter of systematic theology and its relation to other theological disciplines; its method of procedure; the nature of religion, and of Christianity in comparison with other religions; the topics of revelation, inspiration, authority, and faith, are discussed so as to show the basis upon which Protestant theology must construct its doctrines. *A required course.*

Mj. Autumn Quarter, 1906, 1907

ASSISTANT PROFESSOR SMITH

2. **The Content of the Gospel, I.**—The Teaching of the New Testament concerning sin, faith, and Jesus Christ, considered as elements of a Christian theology. *A required course.*

Mj. Winter Quarter, 1906, 1907

PROFESSOR MATHEWS

3. **The Content of the Gospel, II.**—The Teaching of the New Testament concerning the Holy Spirit, the development of righteousness, and eschatology, considered as elements of a Christian theology. *A required course.*

Mj. Spring Quarter, 1906, 1907

PROFESSOR MATHEWS

4. **Christian Ethics.**—The philosophical and theological postulates of Christian ethics; the Christian faith as a moral motive power; the revelation, contents, and realization of the Christian ideal. *A required course.*

Mj. Spring Quarter, 1906

M. Second Term, Summer Quarter, 1906

ASSISTANT PROFESSOR SMITH

5. **Outline Course in Apologetics.**—Being a general presentation and discussion of the problems and introductory to the special courses in Apologetics.

Mj. Autumn Quarter, 1906; 11:00

PROFESSOR MATHEWS.

6. **Theological Encyclopædia and Methodology.**—A survey of the entire field of theology as an organic whole, with a consideration of the interrelation of the different departments, and a study of the methods of theological investigation. Mj
 PROFESSOR MATHEWS OR
 ASSISTANT PROFESSOR SMITH
10. **The Theology of the Greek Church.**—A study of the formation of dogma in contact with Greek philosophy as illustrated by the great Greek theologians of the first four centuries. Mj
 ASSISTANT PROFESSOR SMITH
11. **The Theology of the Latin Church,** showing the peculiar traits of Roman Catholic Theology, its philosophical presuppositions and achievements from Augustine to the Vatican Council. Mj. Winter Quarter, 1906
 ASSISTANT PROFESSOR SMITH
12. **Protestant Theology of the Reformation Period.** A study of the endeavor to reconstruct theology in recognition of the principle of Christian experience as against Catholic authority. Mj. Spring Quarter, 1906
 ASSISTANT PROFESSOR SMITH
13. **Protestant Theology of Confessional Orthodoxy.** Mj
 ASSISTANT PROFESSOR SMITH
14. **The Theology of the Dissenters.** Mj
 ASSISTANT PROFESSOR SMITH
15. **The Development of Protestant Theology since Kant.**—The philosophic modifications of modern theology due to the ideals of Kant, Schleiermacher, Hegel, and Ritschl. Mj. Autumn Quarter, 1906
 ASSISTANT PROFESSOR SMITH
16. **The Theological Significance of Leading Movements of Thought in the Nineteenth Century.**—The course is devoted chiefly to movements in France, England, and America. Mj. Spring Quarter, 1907
 ASSISTANT PROFESSOR SMITH
17. **Comparative Symbolics.**—A comparative study of the confessions of the Roman Catholic, Greek, Lutheran, Reformed (Calvinistic), and Arminian churches. Mj
 ASSISTANT PROFESSOR SMITH
30. **Seminar: The Doctrine of Salvation in Catholic Theology.** Mj
 ASSISTANT PROFESSOR SMITH
31. **Seminar: The Doctrine of Salvation in Protestant Theology.** Mj
 ASSISTANT PROFESSOR SMITH
32. **Seminar: The Doctrine of the Trinity.** Mj. Winter Quarter, 1907
 ASSISTANT PROFESSOR SMITH
33. **Seminar: The Sacraments in Catholic Theology.** Mj. ASSISTANT PROFESSOR SMITH
34. **Seminar: The Sacraments in Protestant Theology.** Mj. ASSISTANT PROFESSOR SMITH
35. **Seminar: The Doctrine of Christian Assurance in Protestant Theology.** Mj
 ASSISTANT PROFESSOR SMITH
36. **Seminar: Melancthon's "Locī Communes."** A study of the first Protestant systematic theology. Mj. ASSISTANT PROFESSOR SMITH
40. **The Doctrine of God.** Mj. Winter Quarter, 1907
 PROFESSOR MATHEWS
 Prerequisite: *Course 1.*
41. **The Doctrine of the Work of Christ.**—Being mainly a study of the atonement. M. First Term, Summer Quarter, 1906
 PROFESSOR MATHEWS
42. **The Christian View of Man and of Sin.** Mj
 ASSISTANT PROFESSOR SMITH
 Prerequisite: *Course 1.*
 Mj. Winter Quarter, 1907
43. **The Christian Salvation.**—The religious life of the Christian as an experience of divine grace; its origin, nature, and theological implications. Mj. Spring Quarter, 1907
 PROFESSOR MATHEWS
 M. Second Term, Summer Quarter, 1906
 ASSISTANT PROFESSOR SMITH
44. **The Christian Doctrine of Immortality.** Mj. Autumn Quarter, 1907
 PROFESSOR MATHEWS
45. **The Doctrine of Revelation.**—With special reference to the doctrine of the Bible. Mj
 PROFESSOR MATHEWS
60. **The Theistic Argument.** Mj. PROFESSOR MATHEWS
61. **Faith and Science.**—A study of the relations of Christian truth and experience with developing science. Mj. Winter Quarter, 1907
 PROFESSOR MATHEWS
62. **The Nature of the Christian Religion.** Mj. PROFESSOR MATHEWS

63. The History of Christian Apologetics.

Mj. Winter Quarter, 1907
ASSISTANT PROFESSOR SMITH

71. The Ethics of the New Testament.

Mj. Spring Quarter, 1907
PROFESSOR MATHEWS

72. Christian Ethics in Relation to Modern Philosophical Theories of Ethics.

ASSISTANT PROFESSOR SMITH
Prerequisite: *Course 4.*

73. Christianity and Social Questions.

Mj. Autumn Quarter, 1907
PROFESSOR MATHEWS

74. The History of Christian Ethics.

Mj. ASSISTANT PROFESSOR SMITH

80. Herrmann's "Ethik."—To be read for the purpose

of acquiring facility in the use of theological German and familiarity with the fundamental conceptions of Ritschlian thought.

Mj. Winter Quarter, 1906
ASSISTANT PROFESSOR SMITH

81. Thomas Aquinas' "Summa Theologica."—To be read for the purpose of acquiring familiarity with ecclesiastical Latin and with the fundamental conceptions of classic Catholic theology.

Mj. Winter Quarter, 1907
ASSISTANT PROFESSOR SMITH

82. Pfleiderer's "Grundriss der Christlichen Glaubens und Sittenlehre."—To be read for the purpose of acquiring familiarity with theological German and with the fundamental conceptions of German liberal theology.

Mj.
ASSISTANT PROFESSOR SMITH

XLV. THE DEPARTMENT OF CHURCH HISTORY**OFFICERS OF INSTRUCTION**

ERI BAKER HULBERT, D.D., LL.D., *Professor and Head of the Department of Church History.*

FRANKLIN JOHNSON, D.D., LL.D., *Professor of Church History and Homiletics.*

ALONZO KETCHAM PARKER, D.D., *Professorial Lecturer on Modern Missions.*

JOHN WILDMAN MONCRIEF, A.M., *Associate Professor of Church History.*

ERRETT GATES, D.B., Ph.D., *Associate (in the Disciples' Divinity House) in Church History.*

ALBERT HENRY NEWMAN, D.D., LL.D., *Professor of Church History, Baylor University, Waco, Texas*
(Summer Quarter, 1906).

FELLOWS, 1905-6

JOHN FREDERICK VICHERT, A.B., A.M., D.B. JOHN McLAUCHLAN, A.B., A.M.

INTRODUCTORY

1. Scope and method of the study.—It is neither possible nor desirable to master the minor details of so vast a subject as the History of the Church. A treatment which studiously refrains from burdening the mind with unnecessary matters leaves time to inform the student on those salient features of the history which are of living and permanent interest and value. Dead issues and exploded theories are passed over lightly. Each event is studied in both its chronological and its causal connections. Lectures, recitations, discussions, special investigations, essays, daily reviews, and written and oral examinations are the modes of imparting instruction. For advanced courses and special research work the seminar method is employed.

2. Requirements for degrees.—(a) The candidate is subject to the general regulations of the Divinity School respecting degrees.

(b) Before being accepted as a candidate for any degree, the student must have completed twelve Majors of theological study, three of which must have been taken in Church History. Courses 1, 3, and 4, or 18, are prescribed.

(c) The general requirements for the Bachelor's, the Master's, and the Doctor's degree in Church History are stated above.

(d) For the Master's degree with Church History as the principal subject, and for the Doctor's degree with Church History as the secondary subject, the candidate must be familiar with the leading events in the entire history of the church, and his special study must lie in one field of historical inquiry.

(e) For the Doctor's degree, with Church History as principal subject, the candidate must be familiar with the leading events in the entire history of the church, and his special work must all be in one of the three great subdivisions of the history. The final examination will be chiefly in this subdivision, covering its entire field, whether the class work has done so or not. The degree will be given, not on the basis of a certain number of Majors completed, but in recognition of the candidate's high attainments and ability in his chosen province.

COURSES OF INSTRUCTION

GENERAL INTRODUCTION. (30-1906 A. D.)

1. **Outlines of Church History (30-1906 A. D.).**—This course aims to find, arrange in natural order, and to explain the great turning-points in the history of the Christian church. The purpose

of the course is preparatory to the special courses that follow. *A required course.*

Mj. Summer Quarter, 1906

Mj. Autumn Quarter, 1906

ASSOCIATE PROFESSOR MONCRIEF

THE EARLY CHURCH. (30-900 A. D.)

2. **The Ancient Church.**—The course treats specifically of the rise and development of the Catholic Church. Mj

PROFESSOR HULBERT

3. **Prior to Constantine (30-311 A. D.).**—The culture and corruption of the Augustan age. The triumphs, sufferings, constitution, discipline, life, worship, doctrines, and heresies of the early church. *A required course.*

Mj. Winter Quarter, 1907; 8:30

PROFESSOR HULBERT

- 3A. **Seminar: Second Century Problems in Church Polity.**—An inquiry, based on original research, into the organization, officers, discipline, and ordinances of the primitive church.

PROFESSOR HULBERT

- 3B. **The Alexandrian School.**—A study of the life and writings of its great teachers, Clement and Origen, with special reference to anticipations of modern thought in their writings.

Mj. Spring Quarter, 1906, 1907

DR. GATES

- 3C. **The Greek and Latin Apologists.**—A study of the first literary defenses of Christianity against the attacks of such skeptics as Juvenal, Lucian, Celsus, and Porphyry, as found in the apologies of Justin, Athenagoras, Tertullian, and Origen. Their view of the essence of Christianity.

Mj. Winter Quarter, 1907

DR. GATES

- 3D. **From Primitive to Catholic Christianity.**—A study of the transformation of the faith, life,

discipline, ordinances, and organization of the Christian Church during the first three centuries of the Christian Era. The growth of the spiritual and temporal power of the Bishop of Rome.

M. First Term, Summer Quarter, 1906

DR. GATES

4. **From Constantine to Theodosius. (311-395 A.D.).** The Christian Emperor; Council of Nice; union of church and state; downfall of heathenism; monasticism in the East; development of the hierarchy; schism of the Donatists; degeneracy in life and worship; doctrinal controversies. *A required course.*

Mj. Spring Quarter, 1906, 1907; 8:30

PROFESSOR HULBERT

- 4A. **The Ecumenical Creeds and Councils.**—A study of the development of the "rule of faith" or creed in the Christian church. The origin and history of the Apostles' Creed, the Nicene Creed, and the succeeding ecumenical creeds and councils. Mj

DR. GATES

- 4B. **Schisms and Controversies of the First Six Centuries.**

M. First Term, Summer Quarter, 1906

PROFESSOR NEWMAN

- 5A. **A Study in the Sources of Church History from Constantine to Charles the Great.**—This course is based mainly upon Mehlhorn's *Aus den Quellen der Kirchengeschichte*. A good reading knowledge of German will be necessary. Mj

ASSOCIATE PROFESSOR MONCRIEF

5B. From Theodosius to Charles the Great. (395-800 A.D.)—Growth of the papacy; pontificate of Gregory the Great; alliance of the papacy with the Frankish Monarchy. The ecumenical councils of Ephesus, 431 A.D., Chalcedon, 451 A.D., Constantinople, 553 and 681 A.D. The Christian life, public worship, and religious customs of the period. Mj

PROFESSOR HULBERT

6. The Conversion of Northern and Western Europe. Conversion of the barbarian tribes; Ulphilas and Goths; Clovis and the Franks; Patrick and the Irish; Columba and the Picts; Augustine and the Saxons; Boniface and the Germans; Ansgar and the Scandinavians.

Mj. Summer Quarter, 1908

PROFESSOR HULBERT

THE MEDIAEVAL CHURCH. (800-1517 A.D.)

7. Mediaeval Church History (800-1517 A.D.).—An outline survey of the history of the church from Charles the Great until the Protestant Reformation. Mj

ASSOCIATE PROFESSOR MONCRIEF

8. From Charles the Great to Boniface VIII (800-1294 A.D.).—The reorganization of Western Europe by Charles the Great. The advance and decline of the papacy in the Mediaeval period. The Waldenses and Albigenses. The crusaders; their place in the historic process.

Mj. Spring Quarter 1907

ASSOCIATE PROFESSOR MONCRIEF

9. From Boniface VIII to Luther (1294-1517 A.D.). Mj.

ASSOCIATE PROFESSOR MONCRIEF

10. Scholasticism and Mysticism.—The origin, nature, weakness, and strength of Scholasticism, Mysticism; its essential marks; its relations to Scholasticism; its relations to life. Examination of some of the leading Scholastics and Mystics. Mj

ASSOCIATE PROFESSOR MONCRIEF

12. The Religious Orders.—Their origin. The causes of their prosperity, decay, and decline. The Knights Templars; the Knights of St. John;

the Teutonic Knights; the place of these orders in the movement of history.

Mj. ASSOCIATE PROFESSOR MONCRIEF

13. Anti-Catholic Parties of the Middle Ages.

M. First Term, Summer Quarter, 1906

PROFESSOR NEWMAN

14. Mediaeval Ideas and Institutions.—The Mediaeval Period was a "tumultuous laboratory." If modern history is to be understood, it must be in the light of the Dark Ages. The strength and the weakness of mediaeval thought are expressed in such institutions as Feudalism, Monasticism, Scholasticism, Mysticism, Religious Orders, Universities, and the papacy.

Recommended as preparatory to Courses 15 and 16.

Mj. Autumn Quarter, 1906

ASSOCIATE PROFESSOR MONCRIEF

15. The Preparation in England, Bohemia, and Germany for the Reformation.—The interest of this course will gather about (1) John Wiclif and his times; (2) John Huss, and his followers; (3) John of Goch, John of Wesel, and John Wessel—in a very real sense, the quiet, unobtrusive thinkers of pre-Reformation times.

Mj. Spring Quarter, 1907

ASSOCIATE PROFESSOR MONCRIEF

THE REFORMATION

16. Forerunners of the Reformation in Italy.—General view of Italian history to Dante. Moral and spiritual condition of Italy from the thirteenth to the fifteenth century.

Dante.—The man, foreshadowings of the Reformation in the *Commedia*.

Petrarca.—The man, his place in the growth of Humanism, the relations of Humanism to the Reformation.

Savonarola.—Considered psychologically and historically.

Mj. Winter Quarter, 1907

ASSOCIATE PROFESSOR MONCRIEF

17. The Age of the Reformation.—The course extends to the close of the Council of Trent. M

17A. The Life and Work of Erasmus.—A study of the life and literary labors of Erasmus, "the

prince of Humanists." The influence of Humanism upon the Protestant Reformation. The relation of Erasmus to the Humanists of Germany, France, and England.

Mj

• DR. GATES

18. The German Reformation.—Luther before the Reformation. Eve of the Reformation. Tetzel. The theses. The Leipzig disputation. The helpers of Luther. The papal bull. The Diet of Worms. Luther's Bible; his hymns; his Table-talks. The later phases, the limitations, and the effects of the German Reformation. *A required course.*

Mj. Spring Quarter, 1906

PROFESSOR JOHNSON

19. The English Reformation and Puritanism.—The beginnings (chiefly destructive and political) of the "Church of England" under Henry VIII. The "Church of England" established in worship, polity, and doctrine under Edward VI. The Catholic reaction under Mary. The attempt to force a reform midway between Puritanism and Romanism under Elizabeth. The "wise fool," "no bishop, no king" régime under James I. Supremacy of "Independent" Puritanism under Cromwell. Restoration of monarchy, episcopacy, persecution, and debauchery under Charles II. Attempt to reinstate popery in England under James II. The Revolution under William and Mary.

Mj. Autumn Quarter, 1906; 9:30

PROFESSOR HULBERT

20. The English Reformation and Puritanism.—Continued. (See Course 19 for description.)

Mj. Winter Quarter, 1906; 9:30

PROFESSOR HULBERT

21. The Swiss Reformation.—The life of Zwingli. Formation of the national Swiss church. The early life of Calvin. His "Institutes." His labors at Geneva. His theology. The burning

of Servetus. The influence of Calvin in the world.

Mj. Winter Quarter, 1907

PROFESSOR JOHNSON

22. The Scotch Reformation.—The reformatory movements under Hamilton, Wishart, and Knox. The abolition of popery and the establishment of Presbyterianism. The struggle with the Stuarts against English Episcopacy.

M

PROFESSOR HULBERT

23. The French Reformation.—Influx of Italian scholars and influences. Rise of a party unfriendly to the old opinions. Influence of Luther's doctrines. Prevailing influence of Calvinism. Conspiracy of Amboise. Edict of St. Germain. Civil war. Massacre of St. Bartholomew. Henry of Navarre. The Edict of Nantes. Cardinal Richelieu.

Mj. Spring Quarter, 1907

ASSOCIATE PROFESSOR MONCRIEF

24. The Dutch Reformation.—Outline history of the Netherlands to the time of Charles V. Introduction of Protestantism and the final prevalence of Calvinism. The spirit of resistance to Philip II. William the Silent. The rise of the Dutch Republic. Special attention will be given to the rise of Arminianism and the influence of Arminianism on theological thought in Holland and England.

Mj. Winter Quarter, 1907; 2:00

ASSOCIATE PROFESSOR MONCRIEF

25. The Counter-Reformation.—The movement to amend and invigorate the Roman Catholic church. The study of this movement includes four chief divisions: I. The character of the popes immediately before the Protestant Reformation, and that of those subsequent to it. II. The improvement of Roman Catholic theology by the Council of Trent. III. The Jesuits. IV. The revival of the Inquisition and of persecution.

Mj. Spring Quarter, 1907; 9:30

PROFESSOR JOHNSON

THE MODERN CHURCH IN EUROPE. (Since the Reformation.)

- 26A. The German Church from Luther to Zinzendorf. This course traces the German church through the Smalcald War, the period of theological controversy, the Thirty Years' War, the Old German period of rigid belief and mechanical religious life, and the period of Pietism and Mysticism.

Mj. Winter Quarter, 1907; 8:30

PROFESSOR JOHNSON

- 26B. The German Church in Recent Times.—This course traces the German church from the beginning of Rationalism to the opening of the twentieth century.

Mj. Spring Quarter, 1907

PROFESSOR JOHNSON

27. The Reformed Churches.

Mj

PROFESSOR JOHNSON

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| 28. The Anglican Church. | Mj | 30. The Roman Church. | Mj |
| See Courses 35, 36, 37. | PROFESSOR HULBERT | | PROFESSOR JOHNSON |
| 29. The Gallican Church. | Mj | 31. The Eastern Church. | Mj |
| ASSOCIATE PROFESSOR MONCRIEF | | | PROFESSOR JOHNSON |

ENGLISH CHURCH HISTORY. (100-1906 A. D.)

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| 32. The British and Early English Church (30-1066 A. D.).—The origin and growth of British Christianity. The Anglo-Saxon conquest. The missionary labors of Patrick, Columba, and Augustine. Conversion of the heptarchy. Final triumph of Romish over Britannico-Scottish Christianity. | M | Lollardism. The influence of Wiclif and his followers on the English Reformation. | Mj |
| PROFESSOR HULBERT | | ASSOCIATE PROFESSOR MONCRIEF | |
| 33. Seminar: From the Norman Conquest to the Age of Wiclif (1066-1366 A. D.). | Mj. | 35. Under the Tudors (1509-1603 A. D.). | Mj. |
| PROFESSOR HULBERT | | | PROFESSOR HULBERT |
| 34. From the Age of Wiclif to the Reformation (1366-1509 A. D.).—Wiclif's Oxford career. The Parliament of 1366. The commission to Bruges. Wiclif before the papal courts; his translation of the Scriptures. The origin and spread of | | 36. Under the Stuarts (1603-1688 A. D.). | Mj. |
| | | | PROFESSOR HULBERT |
| | | 37. Since the Revolution (1688-1906 A. D.).—I. The Nonconformist struggle for equality before the law.—II. The spiritual resuscitation of Non-conformity through the Wesleyan revival.—III. The Tractarian movement and the trend of High-Church Episcopacy to Romanism. | |
| | | Mj. Spring Quarter, 1906; 9:30 | PROFESSOR HULBERT |

AMERICAN CHURCH HISTORY (1492-1902 A. D.)

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| 38A. History of American Christianity.—An outline survey of the entire field of religious history in America from the beginning of colonization to the present time. | Mj | The compact in the cabin of the Mayflower. The founding of New Plymouth. The great principles for which they stood in church and state. | |
| PROFESSOR HULBERT | | Mj. Autumn Quarter, 1906; 9:30 | PROFESSOR HULBERT |
| 38B. The Columbian Period.—The intellectual and moral condition of Europe in the fifteenth century. The influence of the revival of learning in promoting research and enterprise. The gradual enlargement of the world by Discovery. The discovery of America. The contest of Roman Catholic and Protestant powers for its possession. The effect of the discovery of America on the Caucasian race; on the Indian; on the African. Its influence in the evangelization of the world and the promotion of free civil institutions. | Mj | 41. The Puritan Fathers and the New England Theocracy.—The Puritan settlement of Massachusetts Bay. The formation of the theocratic state. Treatment by the theocracy of Roger Williams, the Antinomians, and the Quakers. The Puritan theocracy in its relations to civil and religious liberty. | |
| PROFESSOR JOHNSON | | Mj. Winter Quarter, 1907; 9:30 | PROFESSOR HULBERT |
| 39. Catholic and Protestant Beginnings in North America | Mj | 42. The Struggle for Religious Liberty in Virginia. The Jamestown settlement; character of the colonists; establishment of the Church of England; stringency of the laws against religious opponents; violent persecution of Baptists, Presbyterians, and Quakers; their successful resistance to Episcopal oppression and tyranny; abolition of the established church; triumph of the principles of religious freedom. | |
| PROFESSOR JOHNSON | | Mj. Spring Quarter, 1907; 9:30 | PROFESSOR HULBERT |
| 40. The Pilgrim Fathers and Plymouth Colony. I. Separatism in the north of England.—II. The Pilgrims in Holland. Their secular, religious, and church life in Leyden.—III. The Pilgrims in America. | | | |

THE NATIONAL ERA

43. Protestant Christianity in the Revolutionary Period. Mj
PROFESSOR JOHNSON

44. The New Life in Protestantism in the First Half of the Nineteenth Century. Mj
PROFESSOR JOHNSON

45. The Progress of the Evangelical Churches in the Last Half of the Nineteenth Century. Mj
PROFESSOR JOHNSON

46. The Principal Orthodox Denominations in the United States. Mj

47. The New England Theology. Mj
PROFESSOR JOHNSON

CHRISTIAN THOUGHT AND ACTIVITY

50. Seminar: Development of Recent Religious Thought.—The Seminar will study historically the influences—philosophical, scientific, doctrinal, ecclesiastical, and political—which have tended to produce the prevailing conceptions respecting God, Man, and the Church.

Mj. Autumn Quarter, 1907
PROFESSOR HULBERT

- 50A. The Transition to Modern Religious Thought.—A study of the influence of modern scientific discoveries, philosophic thought, and literary criticism upon religious thought. Causes of the modern reconstruction in theology.

M. First Term, Summer Quarter, 1906
DR. GATES

51. Religious Movements of the Eighteenth Century. General characteristics of the century, as seen in its political, literary, philosophical, and religious activities in England, France, Germany, and America.

Mj. Winter Quarter, 1908
PROFESSOR HULBERT

52. Seminar: Religious Liberty since the Reformation. Mj

PROFESSOR HULBERT

53. Seminar: Introduction to the History of Opinion—Christian and Philosophical. Mj

ASSOCIATE PROFESSOR MONCRIEF

54. Defenses of Christianity in the Ancient and Mediæval Church. Mj

PROFESSOR JOHNSON

55. Modern Defenses of Christianity against English, French, and German Unbelief. Mj

PROFESSOR JOHNSON

- 56A. History of Doctrines.—The Trinity; the person of Christ; the nature of the union of the divine and the human in Christ; His humiliation; His atonement; His exaltation; election and calling; human ability; regeneration and conversion; justification; sanctification; perseverance.

Mj. Autumn Quarter, 1906
PROFESSOR JOHNSON

- 56B. History of Doctrine.—Shorter course.

M. First Term, Summer Quarter, 1907; 9:30
PROFESSOR JOHNSON

57. Outline History of Christian Education.—A brief review of the Græco-Roman schools; the schools of Alexandria, and Antioch; the schools of Charles the Great; the origin and development of the mediæval universities. Mj

ASSOCIATE PROFESSOR MONCRIEF

58. The Era of Modern Denominationalism.

M. Second Term, Summer Quarter, 1906
PROFESSOR NEWMAN

59. History of the Idea of Christian Union.—The history of the idea of Christian union, and of movements looking to its promotion. Special movements for the promotion of unity. Present place of the idea in the church.

Mj. Summer Quarter, 1907
DR. GATES

60. Seminar: Augustine. Mj

ASSOCIATE PROFESSOR MONCRIEF

- 61A. Christian Art: Architecture and Sculpture.—(The course will be profusely illustrated with stereopticon views.)

Mj. Spring Quarter, 1906
PROFESSOR JOHNSON

- 61B. Christian Art: Painting.—(The course will be profusely illustrated with stereopticon views.)

Mj. Summer Quarter, 1906
PROFESSOR JOHNSON

62. Christian Missions in the Sixteenth, Seventeenth, and Eighteenth Centuries.—In the sixteenth century; zeal of the Jesuits and apathy of the Reformers in the cause of Missions; the Missions to Brazil and Lapland.

In the seventeenth century: the German, Dutch, and English interest in Missions.

In the eighteenth century: the missionary move-

ments by the Pietists, by Hans Egede, by the Moravians, by David Brainerd, by the Wesleyans, by the Missionary Societies.

Mj. Winter Quarter, 1906

PROFESSOR HULBERT

63A. **Christian Missions in India.**—The country and its history. The earliest European trading settlements. The British empire in India from Clive to the Mutiny. The beginnings of Christianity. The St. Thomas Christians and the Jesuits. The beginnings of Protestant missions Ziegenbaig and Schwartz. The awakening of interest at home, and the rise of the missionary societies. The opposition of the East India Company. The Serampore Brotherhood. The Christian education movement. The present situation.

Mj. Winter Quarter, 1906

PROFESSOR PARKER

63B. **Christian Missions in China and Japan.**—A survey similar to the above of the condition of these countries at the time of the European inva-

sion. The beginnings of Christianity, and its spread.

Mj. Winter Quarter, 1907

PROFESSOR PARKER

63C. **Representative Men in Eastern Missions.**—A study of significant missionary movements and the men who have led them, Xavier, Schwartz, Carey, Judson, Duff, Morrison, Livingstone, Hamlin. Mj. Autumn Quarter, 1906; 8:30

PROFESSOR PARKER

63D. **Present-Day Problems in Foreign Missions.**

Mj

PROFESSOR PARKER

64. **The Philosophy of History.**—The great attempts at the philosophical consideration of history will be reviewed, and the present status of the subject will be estimated. An effort to form a conception of what a philosophy of history should be. Mj. Summer Quarter, 1906; 7:00

ASSOCIATE PROFESSOR MONCRIEF

HISTORY OF THE BAPTISTS

65. **Baptism and the Lord's Supper Historically Considered.**

Mj

PROFESSOR HULBERT

66. **History of Baptist Principles Prior to the Reformation.**

Mj

PROFESSOR HULBERT

67. **The Anabaptists of the Sixteenth Century.**

M. Second Term, Summer Quarter, 1906

PROFESSOR NEWMAN

68. **Seminar: The English Baptists.**—The Seminar will be engaged chiefly in a critical study of original sources.

Mj. Autumn Quarter, 1906; Tues. and Fri., 4:00-6:00.

PROFESSOR HULBERT

69. **Seminar: The American Baptists.**—Research will be confined to New England and Virginia in the Colonial Period. Information will be sought from original sources.

Mj

PROFESSOR HULBERT

70. **The Progress of Baptist Principles in the Nineteenth Century.**

Mj

PROFESSOR HULBERT

71. **The Present Religious Forces of the Christian World.**—A course in which history in its results is treated.

Mj. Winter Quarter, 1906

PROFESSOR JOHNSON

THE CHURCH HISTORY CLUB

The Church History Club meets fortnightly through the Autumn, Winter, and Spring Quarters. Papers pertaining to Church History are read and discussed by professors, students, and invited specialists. The

instructors, Fellows, and candidates for the degree of Doctor of Philosophy connected with the Department are members. Other students are admitted to membership up to the limit of fifteen.

XLVI. THE DEPARTMENT OF HOMILETICS AND PASTORAL DUTIES

OFFICERS OF INSTRUCTION

THEODORE GERALD SOARES, A.M., Ph.D., D.D., *Professor of Homiletics.*

FRANKLIN JOHNSON, D.D., LL.D., *Professor of Church History and Homiletics.*

INTRODUCTORY

This Department is concerned with the minister as preacher, leader of public worship, and pastor. Emphasis is placed upon effective preaching as the pre-eminent function of the minister. Inasmuch as preaching is an art, the courses are designed to give the largest possible practice in the actual preparation of sermons. Practice in sermonic delivery is also undertaken so far as natural conditions can be secured. Great sermons of great preachers, past and present, are studied for appreciation of their elements of power, and for inspiration to modern preaching.

The important subject of liturgics claims the attention of the leader of public worship. It is at once a psychological, historical, and practical study. The Second Term of the required Major in pastoral duties is devoted to an outline study of liturgics. A fuller elective course is offered with the co-operation of the Director of Music.

The personal, as distinguished from the institutional, relations of the pastor fall within the scope of this Department. The First Term of the required Major in pastoral duties is devoted to a study of these relations. Other courses afford opportunity for more thorough investigation of practical pastoral work.

The three required courses in this Department are one from each of the two groups 1, 2, and 3, 4, and Course 6.

COURSES OF INSTRUCTION

1. **The Art of Preaching.**—The laws of effective popular discourse are studied inductively in connection with the preparation of sermons by the class. *A required course.*
Mj. Winter Quarter, 1907
PROFESSOR SOARES
2. **The Principles of Homiletics.**—The study of these principles is accompanied by the constant application of them in the construction of sermons and sermon-plans and in the preaching of sermons for criticism by the instructor and the class. *A required course.*
Mj. Autumn Quarter, 1906
PROFESSOR JOHNSON
3. **The Content of the Sermon.**—A discussion of the preacher's message. The class prepares sermons upon topics and texts, which involve the vital problems of modern preaching. *A required course.*
Mj. Spring Quarter, 1907
PROFESSOR SOARES
4. **Constructive Homiletics: Plans and Sermons.**—The chief emphasis of this course is laid on the practice of preparing and delivering sermons in accordance with the principles considered in Course 2.
A required course.
Mj. Summer Quarter, 1906; Winter Quarter, 1907
PROFESSOR JOHNSON
5. **Masterpieces of Pulpit Eloquence.**
Mj. Autumn Quarter, 1906
PROFESSOR SOARES
6. **Pastoral Duties.**
 - A. *Pastoral Relations.*—A study of the pastor in the varied relations of his office as determined by present day conditions. The students make detailed investigation of notable pastoral work in Chicago.
 - B. *Liturgics.*—Discussion of the place of ritual in religion. Exercise in the preparation of simple liturgical forms. *A required course.*
Mj. Autumn Quarter, 1906; Winter Quarter, 1906
PROFESSOR SOARES
7. **Christian Liturgy and Hymnology.**—The course is conducted with the co-operation of the Director of Music.
Mj. Spring Quarter, 1907
PROFESSOR SOARES AND ASSOCIATE L. B. JONES

8. **Sermons of Living Preachers.**—A study of the modern pulpit, especially in England and America.
M. First Term, Summer Quarter, 1906
PROFESSOR SOARES
9. **The Homiletic Use of the Bible.**—The purpose of this course is to study the proper homiletic use of the various principal features of the Scriptures.
Mj
PROFESSOR JOHNSON
10. **Evangelism.**—The history of evangelistic revivals and of evangelistic preaching through the Christian centuries. Special study of modern evangelism. Investigation of the methods and results of various forms of evangelistic effort.
M. First Term, Summer Quarter, 1906
PROFESSOR SOARES
11. **History of Preaching.**
Mj. Autumn Quarter, 1907
PROFESSOR SOARES
12. **Old Testament Oratory.**—Selected orations and sermons of the Hebrew prophets are studied with reference to their literary style and oratorical power. The student is drilled in the art of interpreting Old Testament Prophecy to a modern audience.
M
PROFESSOR SOARES
13. **Old Testament Stories.**— See 12.
M
PROFESSOR SOARES
14. **Seminar: Pastoral Administration.**—Under special circumstances students may become assistants for three months to pastors designated by the Divinity School. In connection with their work they will make detailed investigation under the direction of the professor and in consultation with him. A thesis based upon the investigation must be presented at the end of the Quarter.
3Mj
PROFESSOR SOARES

COURSES IN CO-OPERATION WITH OTHER DEPARTMENTS

In order to train the student in the homiletic use of material acquired in study, and to enforce the value of thoroughness of intellectual preparation for preaching, the following courses are offered in connection with concurrent courses in other Departments.

15. **Doctrinal Preaching. I.**—Open to students pursuing Systematic Theology 2.
Mj. PROFESSOR SOARES
16. **Doctrinal Preaching. II.**—Open to students pursuing Systematic Theology 3.
Mj. Spring Quarter, 1906
PROFESSOR SOARES
17. **Ethical Preaching.**—Open to students pursuing Systematic Theology 4.
Mj
PROFESSOR SOARES
18. **Historical Preaching.**—Open to students pursuing Church History 3 or 4.
Mj
PROFESSOR SOARES
19. **Old Testament Expository Preaching.**—Open to students pursuing any Old Testament exegetical course.
Mj. Winter Quarter, 1907
PROFESSOR SOARES
20. **New Testament Expository Preaching.**—Open to students pursuing any New Testament exegetical course.
Mj. Spring Quarter, 1908
PROFESSOR SOARES

XLVII. THE DEPARTMENT OF ECCLESIASTICAL SOCIOLOGY

OFFICER OF INSTRUCTION

CHARLES RICHMOND HENDERSON, A.M., Ph.D., D.D., *Professor of Sociology and Head of the Department of Ecclesiastical Sociology.*

JOHNSTON MYERS, D.D., *Professorial Lecturer on Methods of Evangelism.*

INTRODUCTORY

The purpose of these courses is to provide means for the systematic study of contemporary institutions with which educated leaders of society must deal in daily life, and of those human relations which determine duty and shape character. The city and surrounding country furnish an accessible laboratory for observation whose value is beyond estimate.

Sociology may be elected as either a principal or a secondary subject for the degrees of A.M. or Ph.D.

REQUIREMENTS FOR DEGREES

- a) The candidate is subject to the general regulations of the Divinity School respecting degrees.
- b) For the degree of Bachelor of Divinity the candidate's work in Sociology is elective, with the exception of 63 required, and the elections may be chosen from Courses 53, 56, 57, 61, 64, 65, 68, 100. Other courses can be accepted only by previous consent of the Department.
- c) For the Master's degree six (6) Majors are required, with special requirements as to suitable undergraduate preparation. These six Majors must be divided between social philosophy and concrete social institutions, upon a method approved in advance by the instructors.
- d) For the Doctor's degree, with Sociology as secondary subject, not less than nine (9) Majors will be accepted. Division between philosophy and institutions as under c).
- e) For the Doctor's degree, with Sociology as principal subject, not less than eighteen (18) Majors will be accepted. Division between philosophy and institutions as under c.) In case the chief work of a candidate is philosophical, at least one piece of original concrete investigation will be required before examination for the degree of Ph.D. In case the chief work of a candidate is investigation of concrete relations, a prerequisite will be at least one piece of independent philosophical work.

The Seminar, Courses 58, 59, 60, is designed for students who have already had some work in Sociology, and who have in mind some particular concrete subject for independent investigation by means of documents, observation, and interviews. Admission to this Seminar only by permission of instructor.

Candidates for the degree of Ph.D. must compete, as undergraduates or graduates, a course of preparatory study, about twenty-two (22) Majors, distributed among Physiography, Physics, Chemistry, Biology, Anthropology, Neurology, Psychology, Ethics, History of Philosophy, History, Political Economy, and Introduction to Sociology, credit being given for equivalents.

All courses in the Department of Sociology and Anthropology are open to Divinity students for election and the announcements of that Department should be consulted for particulars. The courses in social philosophy numbered 72, 73, 74, 75, and 78 are especially recommended.

The conditions and relations are so new as to make an early interview with the instructor of the Department very important.

COURSES OF INSTRUCTION

The courses are primarily for Graduate Students

53. **The Family.**—The development of the domestic institutions in lower and higher civilizations; social ethics of the family; legal, industrial, educational, and religious problems of the family.
Mj. Autumn Quarter, 1906; 11:00
PROFESSOR HENDERSON
54. **The Group of Industrials.**—The Labor Movement from the view-point of sociology. The influence of habitat, race, inheritance, migration, division of labor, towns, institutions, and conventions on the differentiation and opportunities of the so-called operative class; the actual condition of this group, and their participation in the goods of civilization; the essentials of a truly human existence; the modes by which improved ideals of welfare originate and are diffused; the social system of economic, political, and cultural organization through which the group must enjoy the social inheritance—description, criticism, program of amelioration.
Mj. Spring Quarter, 1906; 11:00
PROFESSOR HENDERSON
57. **Rural Communities.**—Conditions of social existence in the country; organization for improvement.
M. Second Term, Summer Quarter, 1906; 10:30
PROFESSOR HENDERSON
- 58, 59, 60. **Seminar: Methods of Social Amelioration.**—Discussions, reports, and thesis work, on contemporary movements for social betterment, chiefly on the basis of studies of Chicago life.
3Mj. Autumn, Winter, and Spring Quarters, 1906-6. Hour to be arranged with students.
PROFESSOR HENDERSON
61. **Urban Communities.**—Method of analytic study of social organization; comparisons of ancient and modern cities; the system of community bonds and interests; functions of political, economic, and cultural organizations as determined by social interests; the modes of quickening higher wants, and the co-operation of public and private agencies in their satisfaction.
Mj. Winter Quarter, 1906; 12:00
PROFESSOR HENDERSON

62. **Moral and Culture Statistics, Methods, and Results.** [Not to be given in 1906] Mj
PROFESSOR HENDERSON
63. **Introduction to Ecclesiastical Sociology.**—Scope of Practical Theology; relations to Sociology. Church Polity; the government and administration of the principal denominations. Civil law governing religious corporations. The ideals and principles of church conduct implicit in the life of the religious community and in its relations to mankind. Regulative principles of practice. The duty of the church in relation to social welfare. The special tasks of local, denominational, inter-denominational, national, and inter-national organizations. *A required course.*
Mj. Autumn Quarter, 1906; 12:00
PROFESSOR HENDERSON
64. **Contemporary Charities.**—Studies of the nature and origin of depressed and defective classes; principles and methods of relief; organization of benevolence. History and practice of the "Inner Mission."
Mj. Spring Quarter, 1906; 12:00
PROFESSOR HENDERSON
65. **Social Treatment of Crime.**—Causes of crime; principles of criminal anthropology; prison systems; legal factors; juvenile offenders; preventive methods.
M. Second Term, Summer Quarter, 1906; 11:30
PROFESSOR HENDERSON
66. **Philanthropy.**—Its historical forms; the evolution and phases of church and public charity in various ages and countries, the functions of philanthropy in social progress; the literature of philanthropy; social settlements.
[Not to be given in 1906]
PROFESSOR HENDERSON
100. **Organization of Religious Education.**—Data from psychology and Christian ethics. Principles of education and their application to religious education—ideals, instruction, influence on conduct and character; curriculum for church and Bible school; preparation of lesson; presentation of lesson; decisions; methods and agencies of spiritual nurture. Co-operation of church with family and school.
Mj. Winter Quarter, 1906; 11:00
PROFESSOR HENDERSON

XXXI. THE DEPARTMENT OF PUBLIC SPEAKING

OFFICERS OF INSTRUCTION

SOLOMON HENRY CLARK, Ph.B., *Associate Professor of Public Speaking.*

FREDRIC MASON BLANCHARD, A.M., *Assistant Professor of Public Speaking.*

COURSES OF INSTRUCTION

20. **Vocal Expression in Public Worship and Preaching.**—Voice culture, gesture, vocal interpretation of Scriptures and hymns. Daily practice in the delivery of sermons. Discussion of current events, debating, and extemporaneous speaking. Mj. Summer Quarter, 1906; 8:30
ASSISTANT PROFESSOR BLANCHARD
21. **Pulpit Oratory.**—Voice culture, gesture, and oratory. The psychological principles involved in effective public speaking. Daily practice in the delivery of sermons, original and selected.
Mj. Autumn Quarter, 1906; 11:00
ASSISTANT PROFESSOR BLANCHARD
22. **Practical Public Speaking.**—A critical study of typical "occasional" addresses with a view to public speaking. Declamations, discussions, orations, extemporaneous speeches, and debates.
Mj. Winter Quarter, 1906; 8:30
ASSOCIATE PROFESSOR CLARK AND
ASSISTANT PROFESSOR BLANCHARD
23. **Bible and Hymn Reading.**—Reading as an art. Literary art in its relation to vocal expression. Bible reading studied with reference to the various types of literature in the Scriptures
Mj. Spring Quarter, 1906; 12:00
ASSOCIATE PROFESSOR CLARK

XXXII. THE DEPARTMENT OF PHYSICAL CULTURE(See Department of Physical Culture and Athletics, p. 282 of this *Register*)**MUSIC****OFFICER OF INSTRUCTION****LESTER BARTLETT JONES, A.B., Associate, and Director of Music.**

1. Sight Reading and Voice Training. Required of first-year men: One hr. a week, Spring Quarter, 1906. One hr. a week, Winter Quarter, 1907. One hr. a week, Spring Quarter, 1907.
- a) Keys, scales, and simple melodies.
- b) Exercises for freeing and placing the voice.

ASSOCIATE L. B. JONES**DEPARTMENTS OF THE GRADUATE SCHOOLS OF THE UNIVERSITY
OPEN TO DIVINITY STUDENTS**

In addition to the regular Divinity courses indicated above students of the Graduate Divinity School may select courses from the following named departments in the Graduate Schools of the University:

- | | |
|------------------------------------------------------------|----------------------------------------------------------|
| I. The Department of Philosophy. | IX. The Department of Biblical and Patristic Greek. |
| II. The Department of Political Economy. | XV. The Department of English. |
| IV. The Department of History. | XVI. The Department of General Literature. |
| VI. The Department of Sociology. | XXXI. The Department of Public Speaking. |
| VII. The Department of Comparative Religion. | XXXII. The Department of Physical Culture and Athletics. |
| VIII. The Department of Semitic Languages and Literatures. | |

THE ENGLISH THEOLOGICAL SEMINARY**COURSES OF INSTRUCTION****A. RESIDENT COURSES OF INSTRUCTION****SUMMER QUARTER, 1906**

The following courses, given here by title only, are open to English students. Descriptions of them will be found in the course lists for the Graduate Divinity School as given above.

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|----------------------------------------------------------|-----------------------------------------------------------|
| XLII. OLD TESTAMENT LITERATURE AND INTERPRETATION | XLV. CHURCH HISTORY |
| 60. Isaiah 1-39. | 1. Outlines of Church History. |
| 62. Jeremiah. | 3D. From Primitive to Catholic Christianity. |
| 81. Priestly Element in the Old Testament. | 4B. Schisms and Controversies of the First Six Centuries. |
| XLII. NEW TESTAMENT LITERATURE AND INTERPRETATION | 13. Anti-Catholic Parties of the Middle Ages. |
| 3. Introduction to the Books of the New Testament. | 22. The Scotch Reformation. |
| 20A. The Parables of Jesus. | 32. The British and Early English Church. |
| 25B. The Sermon on the Mount. | 50A. Transition to Modern Religious Thought. |
| XLIV. SYSTEMATIC THEOLOGY | 58. The Era of Modern Denominationalism. |
| 4. Christian Ethics. | 61B. Christian Art: Painting. |
| 41. The Doctrine of the Work of Christ. | 64. The Philosophy of History. |
| 43. The Christian Salvation. | 67. The Anabaptists of the Sixteenth Century. |

XLVI. HOMILETICS AND PASTORAL DUTIES

4. Constructive Homiletics : Plans and Sermons.
8. Sermons of Living Preachers.
10. Evangelism.

LXI. DISCIPLES' DIVINITY HOUSE

4. Historic Place and Mission of the Disciples.

6. The Place of the Disciples among the Religious Forces of Today.

XXXI. PUBLIC SPEAKING

20. Vocal Expression in Public Worship and Preaching.

B. NON-RESIDENT CORRESPONDENCE COURSES

- | | | | |
|---------------------------------------------------------|---------------------|--------------------------------------------------|---------------------------------|
| 1B. English Composition and Rhetoric. | Mj | 5B. Church History.— The Protestant Reformation. | Mj |
| | DR. MARSH | | ASSOCIATE PROFESSOR MONCRIEF |
| 2B. Homiletics. | Mj | | |
| | PROFESSOR JOHNSON | 6B. Outline of Systematic Theology. | Mj |
| 3B. Elementary Sociology. | Mj | | ASSISTANT PROFESSOR G. B. SMITH |
| | PROFESSOR HENDERSON | | |
| 4B. Church History Prior to Constantine (30-311 A. D.). | Mj | 7B. New Testament Times in Palestine. | Mj |
| | PROFESSOR HULBERT | | PROFESSOR MATHEWS |

THE SCANDINAVIAN SEMINARIES

A. THE DANO-NORWEGIAN THEOLOGICAL SEMINARY

OFFICERS OF INSTRUCTION

HENRIK GUNDERSON, A.M. (Christiania), D.B., *Dean of the Seminary ; Professor of Systematic Theology, New Testament Interpretation, and Biblical Literature.*

CHRISTIAN JORGINIUS OLSEN, *Instructor in Homiletics and Preparatory Subjects.*

NELS SØRENSEN LAWD AHL, *Instructor in Church History and Preparatory Subjects.*

COURSES OF INSTRUCTION

L. OLD AND NEW TESTAMENT LITERATURE AND INTERPRETATION

1. Biblical Antiquities.—a) *Civil Antiquities.*—The government; the administration of justice; the army. b) *Sacred Antiquities.*—The sacred seasons; sanctuaries of Israel; the priesthood; sacrifices and offerings; forms of idolatry noticed in the Bible; sects among the Jews.
Mj. Winter Quarter, 1907
MR. OLSEN
2. The History of the Jewish Nation, from the exile to the destruction of Jerusalem. The causes that brought the exile and conditions during same; the reconstructive work of Ezra and Nehemiah; the origin and development of Phariseism and Sadduceism and other religious and political parties; the political and religious conditions in Palestine until the overthrow of the Jewish nation.
Mj. Autumn Quarter, 1906
MR. OLSEN
3. Biblical Hermeneutics.—Qualifications of the biblical interpreter; methods of interpretation; general principles of interpretation; difficulties of Scripture, and how to treat them; interpretation of figurative language; interpretation of types and symbols; prophecy and its interpretation.
Mj. Autumn Quarter, 1906
PROFESSOR GUNDERSEN
4. Introduction to the Old Testament.—I. The Old Testament as a whole. The canonical books of the Old Testament; evidences of a completed canon; gradual formation of the canon; transmission of the canon. II. The books composing the Old Testament: The books of the Pentateuch; composition of the Pentateuch; the historical books; the prophets (a) Isaiah (b) Jeremiah (c) Ezekiel (d) the twelve Minor Prophets; the book of Psalms; the book of Proverbs; the book of Job; the five rolls; the book of Daniel; the books of Ezra and Nehemiah; the books of Chronicles.
Mj. Winter Quarter, 1907
PROFESSOR GUNDERSEN

5. **Introduction to the New Testament.**—The Gospels; the Book of Acts; the Epistles and the Book of Revelation. Discussion with reference to authorship, date, character, and contents; peculiar difficulties of the several books. Mj
PROFESSOR GUNDERSEN
6. **The Epistle to the Romans.**—Introduction, including discussion of the congregation at Rome; occasion and purpose of the Epistle; theme and contents; time and place of composition; genuineness and integrity; characteristics; interpretation of chaps. 1—11:36.
Mj. Autumn Quarter, 1906
PROFESSOR GUNDERSEN
7. **The Epistle to the Galatians.**—Introduction including authorship of the epistle; occasion and purpose; time and place of composition; interpretation.
M. First Term, Spring Quarter, 1907
PROFESSOR GUNDERSEN
8. **New Testament Greek.**—Review of Greek Grammar; peculiarities of New Testament Grammar; Syntax of the Moods and Tenses; the Book of Acts studied grammatically.
Mj. Winter Quarter, 1907
PROFESSOR GUNDERSEN

LI. SYSTEMATIC THEOLOGY

1. **Theological Introduction and Bibliology.**—I. *Theological Introduction*, including definition of theology, its aim, possibility, sources, and relations; limitations of theology; requisites to the study of theology; benefits of systematic theology; methods of systematic theology. II. *The Bible a Revelation from God*. Including: 1) Preliminary considerations; revelation defined, its possibility and probability, its necessity, possible means of affording a Divine revelation. 2) The genuineness and authenticity of the Old and New Testaments. 3) Proofs of the credibility of the Scriptures. 4) Inspiration of the Scriptures; inspiration defined; proof of inspiration; theories of the method and extent of inspiration; the Divine and human elements in the Bible; objections to the doctrine of inspiration considered. Mj
PROFESSOR GUNDERSEN
2. **The Doctrine of God.**—The existence of God; the nature and attributes of God; the Trinity; the decrees of God; creation; preservation; providence; miracles; angels. M
PROFESSOR GUNDERSEN
3. **Anthropology.**—The origin of man; the unity of mankind; the origin of the soul; essential elements of the human nature; the moral constitution of man; the original state of man; the doctrine of sin. M
PROFESSOR GUNDERSEN
4. **Soteriology.**—Preparation for coming of Christ; the person of Christ; the two states of Christ; Christ's mediatorial offices. M
PROFESSOR GUNDERSEN
5. **Soteriology (continued).**—The person and work of the Holy Spirit; election and calling; regeneration; conversion; justification; sanctification; perseverance of the saints. M
PROFESSOR GUNDERSEN
6. **Eschatology.**—The physical death; the intermediate state; the second coming of Christ; the resurrection; the last judgment; the final state of the righteous and of the wicked. DM
PROFESSOR GUNDERSEN

LII. HOMILETICS, CHURCH POLITY, AND PASTORAL DUTIES

1. **Pastoral Theology.**—Call and settlement as a minister; conduct of public worship; administration of the ordinances; pastoral visitation; the pastoral relation to Sunday schools and the young people; marriage rites; funeral services; cultivation of the missionary spirit; revivals of religion; pastoral study; the pastor's outer and inner life. M
MR. OLSEN
2. **Church Polity.**—Definition of the church; organization; government; relation of local churches to one another; the ordinances of the church. Mj
MR. OLSEN
3. **Theoretical and Practical Homiletics.**—Relations to other branches of knowledge; qualifications for the ministry; essentials to effective preach-

ing; prerequisites to eloquence, choice and treatment of texts; arguments and illustrations; different kinds of sermons; the requirements of style and methods of delivery. Analysis of passages in the Bible; presentation and criticism of themes and plans of sermons. Mj

MR. OLSEN

4. **Practical Homiletics** (continued).—Examination of sermons of distinguished preachers; practical homiletical exercises; public worship, and the essential requirements for the right conduct of the different parts of it. M

MR. OLSEN

LIII. CHURCH HISTORY

1. **The Early Church Prior to Constantine** (30-311 A.D.).—Religious, intellectual, and political preparation for Christ's advent; Judaism and paganism; culture and corruption of the Augustan age; the establishment of Christianity in the Roman empire; persecution and martyrdom; written attacks; apologies; the New Testament idea of the Church constitution and discipline; life and worship; heresies and sects; development of doctrines.

Mj. Autumn Quarter, 1906

MR. LAWDahl

2. **Outline in Ancient Church History** (311-800 A.D.). A survey of Church History from Constantine the Great to the age of Charles the Great.

M. First Term, Winter Quarter, 1907

MR. LAWDahl

3. **Outline in Mediaeval Church History** (800-1517 A.D.).—A survey of the history of the Church from Charles the Great to the Protestant Reformation.

M. Second Term, Winter Quarter, 1907

MR. LAWDahl

4. **Outline in Modern Church History** (1517-1897 A.D.).—(a) From the beginning of the Reformation to the peace of Westphalia (1517-1648 A.D.): A survey of the rise of Protestantism, its development in the different countries, and the conflict of religious parties. (b) From the peace of Westphalia to the present time (1648-1898 A.D.). A survey of the changes and conflicts consequent on a new era in culture and science. Social reform: Missionary conquest in heathen countries and revivals in the home countries.

M. First Term, Spring Quarter, 1907

MR. LAWDahl

5. **History of the Baptists**.—The New Testament Church; marks of degeneracy and corruption; the Church in the wilderness; the Church reappears; the Swiss, German, and Dutch Anabaptists; the English Baptists; Baptists in the American colonies; Baptists in the United States; Baptists in other countries; progress of Baptist principles.

M. First Term, Spring Quarter, 1907

MR. LAWDahl

B. THE SWEDISH THEOLOGICAL SEMINARY

OFFICERS OF INSTRUCTION

CARL G. LAGERGREN, A.B., D.B., *Dean of the Seminary; Professor of Systematic Theology.*

OLOF HEDEEN, A.B., *Assistant Professor of Old and New Testament Literature and Interpretation, Homiletics, and Pastoral Duties.*

WILHELM AUGUST PETERSON, D.B., *Instructor in Church History, New Testament Greek, and Preparatory Subjects.*

COURSES OF INSTRUCTION

LV. OLD AND NEW TESTAMENT LITERATURE AND INTERPRETATION

1. **Biblical Geography and Antiquities.**

M. First Term, Autumn Quarter, 1906

ASSISTANT PROFESSOR HEDEEN

2. **Introduction to the Old Testament.**

Mj. Winter Quarter, 1908

ASSISTANT PROFESSOR HEDEEN

3. **Introduction to the New Testament**.—(1) General Introduction; (2) Particular Introduction: The Gospels; the Book of Acts; the Epistles to the Thessalonians, the Corinthians, the Galatians, and the Romans.

M. First Term, Spring Quarter, 1907

ASSISTANT PROFESSOR HEDEEN

4. **Introduction to the New Testament (continued).—**
The Epistles of the imprisonment; the Pastoral Epistles; the Epistle to the Hebrews; the General Epistles and the Book of Revelation.

M. First Term, Spring Quarter, 1906
ASSISTANT PROFESSOR HEDEEN

5. **Biblical Interpretation.**—Qualifications of the biblical interpreter; methods of interpretation; fundamental principle; interpretation of selected passages of Scripture.

M. First Term, Winter Quarter, 1907
ASSISTANT PROFESSOR HEDEEN

6. **The Epistle to the Romans.**—Introduction, in-

cluding discussion of the "Origin and Condition of the Church at Rome, and analysis of the Epistle." Translation of the Greek text and detailed exegesis of chaps. 1-8.

Mj. Winter Quarter, 1906, 1907
ASSISTANT PROFESSOR HEDEEN

7. **The Epistle to the Galatians.**—Translation of Greek text; analysis of contents, and interpretation. M. Second Term, Winter Quarter, 1907

ASSISTANT PROFESSOR HEDEEN

8. **New Testament Greek.**

Mj. Autumn Quarter, 1906
MR. PETERSON

LVI. SYSTEMATIC THEOLOGY

1. **The Doctrine of God.**

Mj. Winter Quarter, 1907
PROFESSOR LAGERGREN

2. **The Doctrine of Man.**

Mj. Winter Quarter, 1906, 1907
PROFESSOR LAGERGREN

3. **The Doctrine of Redemption and Salvation.**

Mj. Autumn Quarter, 1906
PROFESSOR LAGERGREN

4. **The Last Things.**

Mj. Winter Quarter, 1906, 1907
PROFESSOR LAGERGREN

5. **Ethics.**—Nature of Ethics. The fundamental principles of morality. Duties to God, to ourselves, and to our fellow-beings.

M. First Term, Spring Quarter, 1906
PROFESSOR LAGERGREN

LVII. CHURCH HISTORY

1. **Ancient History.**

Mj. Autumn Quarter, 1906
MR. PETERSON

2. **Medieval Church History.**

Mj. Winter Quarter, 1907
MR. PETERSON

3. **Modern Church History.**

M. First Term, Spring Quarter, 1907
MR. PETERSON

LVIII. HOMILETICS, CHURCH POLITY, AND PASTORAL DUTIES

1. **Homiletics.**—Definition of homiletics; the fundamental elements of effective preaching, invention, disposition, style, delivery. Plans of sermons and sermons will be presented by the students for criticism. Analysis of sermons of prominent preachers. Mj. Winter Quarter, 1906, 1907

ASSISTANT PROFESSOR HEDEEN

2. **History of Preaching.**

M
ASSISTANT PROFESSOR HEDEEN

3. **Church Polity.**—The divine origin of the church; its nature, organization, ordinances, officers, discipline, and aim.

M. First Term, Spring Quarter, 1906
PROFESSOR LAGERGREN

4. **Pastoral Duties.**

M. Second Term, Autumn Quarter, 1906
ASSISTANT PROFESSOR HEDEEN

ALLIED ORGANIZATIONS

LXI. THE DISCIPLES' DIVINITY HOUSE

OFFICERS OF INSTRUCTION

HERBERT LOCKWOOD WILLETT, PH.D. *Assistant Professor of the Semitic Languages and Literatures.*
 ERRETT GATES, D.B., PH.D. *Associate in the Disciples' Divinity House.*

COURSES OF INSTRUCTION

1. **History of the Disciples.**—A study of the religious conditions surrounding the Campbells in Scotland; their removal to America; the conditions of American Christianity at the beginning of the nineteenth century; the beginnings of an independent movement; the early relation and separation of Baptists and Disciples: the union of the Campbell and Stone movements; their journalistic, educational, and missionary enterprises; present problems and future outlook.
 Mj. Winter Quarter, 1907
 DR. GATES
2. **History of Doctrine among the Disciples.**—A study of the rise, progress, and content of the whole body of teaching held by the leaders of the movement for a restoration of primitive Christianity.
 Mj. Autumn Quarter, 1906
 ASSISTANT PROFESSOR WILLETT
3. **History of the Idea of Christian Union.**—A course in the history of the idea of Christian union, and of movements looking to its promotion. Emphasis upon the idea in the New Testament. Character of the unity exhibited by the church up to the Reformation. The period of division. Voices in all the churches advocating Christian union. Special movements for the promotion of unity. Present place of the idea in the church.
 DR. GATES
4. **Historic Place and Mission of the Disciples.**—A study of the purpose and mission of the Disciples in the light of Scripture and history; their special contribution to the reformation of the church; a study of New Testament Christianity; the teaching of Jesus; "first principles" or the preaching of the apostles; the creed, life, and organization of the apostolic church; the problem of union or the presuppositions of the "current reformation."
 M. First Term, Summer Quarter, 1906
 DR. GATES
5. **Practical Problems among the Disciples of Christ.**—Open lectures.
 First Term, Summer Quarter, 1907
 ASSISTANT PROFESSOR WILLETT
6. **The Place of the Disciples of Christ among the Religious Forces of Today.**—Open lectures.
 First Term, Summer Quarter, 1906
 ASSISTANT PROFESSOR WILLETT
7. **The Literature of the Disciples.**—A study of the journalistic enterprises among the Disciples; the character and place of such publications as *The Christian Baptist*, *The Millennial Harbinger*, etc.
 ASSISTANT PROFESSOR WILLETT
8. **Christian Worship.**—A study of the history, methods, and principles of Christian worship, with special reference to the needs of the modern church.
 Mj. Autumn Quarter, 1906
 ASSISTANT PROFESSOR WILLETT

LXII. THE CUMBERLAND PRESBYTERIAN DIVINITY HOUSE

THE LAW SCHOOL

COURSES OF INSTRUCTION, 1906-7

PRE-LEGAL COURSES

The pre-legal curriculum in the first year of the Senior Colleges (the third college year) is intended to direct the college work of prospective law students to studies especially useful to the future lawyer. It is not required, but students are strongly advised to pursue it, and to choose their Junior College electives with this view.

A choice among the courses offered in the University upon the following subjects is particularly recommended:

Principles of Political Economy.
Constitutional History of the United States.
Constitutional and Political History of England.
Roman Law.
Oral Debates and Argumentation.
Bookkeeping and Accounting.
Railway Transportation and Regulation of Rates.
Economic and Social History.
National, Federal, State, and Municipal Government.
Finance, and History and Theory of Banking.

Organization of Business Enterprise.
Contemporary Society in the United States.
Europe in the Nineteenth Century.
Logic and Psychology.
Political and Social Ethics.

With the approval of the Dean of the Law School other courses may also be accepted as pre-legal work, especially those offered in the departments of Political Economy and Political Science, courses in English, American, and modern European History, and courses dealing with modern social and municipal problems. Students who have not had the course in Civil Government in the United States, or who have not completed the English Composition required in the Junior Colleges, will be expected to take these during the pre-legal year.

NOTE.—For detailed information concerning the above courses, see the Departments of Political Economy, Political Science, History, and Sociology, in this *Register*.

PROFESSIONAL COURSES*

[Mj=Major course, four hours weekly for one Quarter. M=Minor course, four hours weekly for one Term. DM=Double Minor course, eight hours weekly for one Term. Many of the courses continue through more than one Quarter, and for these no partial credit will usually be given. All Summer Quarter courses are completed then.]

FIRST-YEAR COURSES

[The work of the first year is required]

1. **Contracts.**—Mutual assent and its communication; offers and their expiration or revocation; consideration; requisites of contracts under seal; rights of beneficiaries and assignees; joint and several contracts; alternative contracts; conditional contracts; illegality; impossibility; duress; discharge of contracts or causes of action arising thereupon by rescission, novation, accord and satisfaction, release, or other means. Williston, *Cases on Contracts*, Vols. I and II.

2Mj. Autumn and Winter Quarters
PROFESSOR WHITTIER

2. **Torts.**—Trespass to person, to real property, and to personal property; excuses for trespass; conversion; legal cause; negligence; contributory and imputed negligence; plaintiff's illegal conduct as a defense; duties of landowners; hazardous occupations; liability for animals; deceit; defamation: slander, libel, privilege, malice; malicious prosecution, criminal and civil; inter-

ference with social and business relations: inducing breaches of duty, fair and unfair competition, strikes, boycotts, business combinations. Ames and Smith, *Cases on Torts*, Vols. I and II, with Supplement.

1½Mj. Autumn Quarter; First Term, Winter Quarter; and Second Term, Winter Quarter (two hours).
PROFESSOR HALL

3. **Property.**—Distinction between real and personal property. Real property: tenures; estates; seisin and conveyance; Statute of Uses; incidents of ownership in real property; fixtures; profits; natural rights; easements; covenants as to use of lands; rents. Personal property: acquisition of rights; gifts; bailment; lien; pledge. Gray, *Cases on Property*, Vols. I and II (2d ed.).

1½Mj. Autumn Quarter; and First Term, Winter Quarter.

ASSOCIATE PROFESSOR BIGELOW

* For the Law School Faculty, see p. 84.

3A. Property.—First two-thirds of Course 3.

DM. First Term, Summer Quarter
ASSOCIATE PROFESSOR KALES

4. **Agency.**—Nature of relation; appointment; liabilities of principal: torts, contracts, crimes, admissions; liabilities of agent; parties to writings; undisclosed principal; obligations between principal and agent; delegation of agency; termination of agency; ratification. Wambaugh, *Cases on Agency*.

1½Mj. Second Term, Winter Quarter (two hours); and Spring Quarter.

PROFESSOR MEACHEM

7. **Persons.**—Infancy: period of infancy; voidable acts, disaffirmance, ratification; contracts for necessities; obligations created or authorized by law; liability for tort; guardian and ward. Marriage: promise to marry; marriage contract at common law and under statutes; rights of husband and wife in each other's property; status of married women; transactions between husband and wife; torts affecting marital rela-

tions; separation; divorce. Parent and Child: custody; services and earnings; torts to children; torts by children; adoption; bastardy. Woodruff, *Cases on Domestic Relations* (2d ed.).

Mj. Summer Quarter
PROFESSOR ABBOTT

60. **Criminal Law.**—The criminal act; criminal attempts; consent; criminal intent, specific and constructive; circumstances affecting intent; justification; parties in crime: agency, joint principals, accessories; jurisdiction over crimes; crimes against the person, especially murder and manslaughter; larceny and kindred offenses; indictment; former conviction or acquittal. Beale, *Cases on Criminal Law*.

1½Mj. Second Term, Winter Quarter; and Spring Quarter.

ASSOCIATE PROFESSOR BIGELOW

- 60A. **Criminal Law.**—A briefer treatment of Course 60.

DM. Second Term, Summer Quarter
PROFESSOR COOK

SECOND AND THIRD-YEAR COURSES

[These courses are elective, and need not be taken in any fixed order. Students are advised to postpone starred (*) courses to the third year. The Practice courses are required.]

10. **Quasi Contracts.**—Records. Statutory, official, or customary duties. Unjust enrichment: benefits conferred without contract; unenforceable contracts; incapacity of parties; mistake of fact and of law; duress; illegal contracts; breach of contract; waiver of tort; contribution between wrongdoers; obedience to legal mandate; equity jurisdiction. Woodruff, *Cases on Quasi Contracts*.

DM. First Term, Summer Quarter
PROFESSOR WOODRUFF

[Given in 1906-7 and in alternate years thereafter]

14. **Title to Real Estate.**—Essentials of a deed: signing, sealing, delivery; priority, notice, and record; leases; covenants for title; estoppel; the property conveyed; original acquisition; acquisition by lapse of time. Gray, *Cases on Property*, Vols. III and VI (part).

Mj. Autumn Quarter
PROFESSOR FREUND

15. **Wills and Administration.**—Intestate succession; dispositions in contemplation of death; testamentary capacity; execution, alteration, revocation, and revival of wills; probate; executors and administrators; survival of rights and liabilities; priority of claims; assets; payment of lega-

cies and distribution; ademption and lapse of legacies. Gray, *Cases on Property*, Vol. IV.

Mj. Winter Quarter
PROFESSOR FREUND

16. **Future Interests.**—Life estate, fee, and fee tail; contingent remainders and executory devises; powers; rule against perpetuities; conditions; restraints on alienation; joint ownership; curtesy; dower. Gray, *Cases on Property*, Vols. V and VI (part).

Mj. Summer Quarter
PROFESSOR ABBOTT

20. **Equity I.**—Nature of jurisdiction; specific performance of contracts: affirmative contracts; negative contracts; third persons; legal consequences of right of specific performance; partial performance; consideration; marketable title; Statute of Frauds; plaintiff's conduct as a defense; mistake; hardship; mutuality. Ames, *Cases in Equity Jurisdiction*, Vol. I (part).

DM. First Term, Summer Quarter
Mj. Autumn Quarter
PROFESSOR HALL

21. **Equity II.**—Bills for an account; specific reparation and prevention of torts: waste; trespass; disturbance of easements; nuisance; interference

- with business relations; libel; monopoly rights; patent; copyright; franchises. Ames, *Cases in Equity Jurisdiction*, Vol. I (part).
 $\frac{1}{2}$ Mj. Winter Quarter (two hours)
 PROFESSOR HALL
22. **Equity III.**—Interpleader; bills of peace; bills *quia timet*; cancellation of contracts, cloud on title, perpetuation of testimony, rights of future enjoyment; reformation and rescission of contracts; mistake; fraud, misrepresentation, concealment; duress and undue influence; illegality. Ames, *Cases in Equity Jurisdiction*, Vol. II.
 Mj. Spring Quarter
 PROFESSOR HALL
24. **Trusts.**—Nature and requisites of a trust; express, resulting, and constructive trusts; charitable trusts; appointment and office of trustee; nature of *cestui's* interest; transfer of trust property by trustee or by *cestui*; *cestui's* interest as affected by marriage, judgment, or bankruptcy of trustee or *cestui*; duties of trustee regarding execution of trust and investment of trust funds; extinguishment of trust; removal or resignation of trustee; accounting. Ames, *Cases on Trusts* (2d ed.).
 $\frac{1}{2}$ Mj. Autumn Quarter; and First Term, Winter Quarter.
 PROFESSOR MACK
30. **Suretyship.**—Kinds of suretyship; Statute of Frauds; surety's defenses due to original defects in his obligation or its subsequent discharge; surety's right to subrogation, indemnity, contribution, or exoneration; creditor's right to surety's securities. Ames, *Cases on Suretyship*.
 Mj. Spring Quarter
 PROFESSOR WHITTIER
 [Given in 1906-7 and in alternate years thereafter]
31. **Mortgages.**—Essential elements of legal and equitable mortgages; rights of mortgagor and mortgagee at law and in equity: title, possession, dower, curtesy, waste, priorities, collateral agreements, foreclosure, redemption; extension, assignment, and discharge of mortgages. Kirchwey, *Cases on Mortgage*. Mj
 PROFESSOR WHITTIER
 [Omitted in 1906-7 and in alternate years thereafter]
40. **Sales.**—Subject-matter of sale; executory and executed sales; bills of lading and *jus disponendi*; stoppage *in transitu*; fraud; factors' acts; warranty and remedies for breach of warranty; Statute of Frauds. Williston, *Cases on Sales* (2d ed.).
 $\frac{1}{2}$ Mj. Second Term, Winter Quarter; and Spring Quarter.
 PROFESSOR MEOHEM
41. **Bills and Notes.**—Formal requisites; acceptance; indorsement; transfer; purchase for value without notice; overdue paper; extinguishment; obligations of parties; checks; diligence: presentment, dishonor, protest, notice; the Negotiable Instruments Law. Ames, *Cases on Bills and Notes*, Vols. I and II.
 $\frac{1}{2}$ Mj. Second Term, Winter Quarter; and Spring Quarter.
 PROFESSOR MACK
42. **Public Service Companies.**—Nature of public employment; its rights and duties; railroads and canals; telegraph and telephone; light and water companies; irrigation and drainage; inns and warehouses. Beale and Wyman, *Cases on Public Service Companies*.
 $\frac{1}{2}$ Mj. Autumn Quarter (two hours)
 MR. ECKHART
 [Given in 1906-7 and in alternate years thereafter]
43. **Carriers.**—Common carriers of goods and persons; liability; limitation of liability; bills of lading; stoppage *in transitu*; connecting carriers; actions against carriers; tickets; baggage; compensation and lien; Interstate Commerce Act; Sherman Anti-Trust Law. Beale, *Cases on Carriers*.
 $\frac{1}{2}$ Mj. Winter Quarter (two hours)
 MR. ECKHART
 [Given in 1906-7 and in alternate years thereafter]
44. **Insurance.**—Insurable interest in various kinds of policies, what it is and when it must exist; concealments; misrepresentations; warranties and other matters affecting the validity of the contract; amount of recovery; subrogation; waiver, estoppel, election, and powers of agents; assignees and beneficiaries. Wambaugh, *Cases on Insurance*.
 DM. Second Term, Summer Quarter
 JUDGE MCCLAIN
50. **Partnership.**—Nature of a partnership, its purposes, and members; creation of partnership; nature of partner's interest; firm name and good will; mutual rights and duties of partners; actions between partners, at law and in equity; powers of partners; liability for acts of partners in contract and tort; general liability of partners; dissolution and notice; consequences of dissolution; dissolution agreements respecting debts; distribution of assets to creditors, and

between partners; limited partnerships. Mechem, *Cases on Partnership* (2d ed.).

1½Mj. Autumn Quarter; and First Term, Winter Quarter (two hours).

PROFESSOR MECHEM

50A. **Partnership.**—A slightly briefer treatment of Course 50. Ames, *Cases on Partnership*.

Mj. Summer Quarter
DR. HAZELTINE

*51. **Private Corporations.**—Nature of a corporation and its relation to its stockholders; creation of a corporation; *de facto* corporations; stock subscriptions; promoters; interpretation of charters; implied powers; formalities of corporate contracts; powers and duties of directors; rights of stockholders; dividends; transfer of stock; forfeiture of charters; corporate liability for torts, crimes, and contempts; *ultra vires* transactions; rights and remedies of corporate creditors; preferences by corporations; stockholder's liability; intercorporate relations; purchase by a corporation of its own stock; dissolution of corporations; corporate receiverships; foreign corporations; limits of legislative control. Smith, *Cases on Private Corporations*, Vols. I and II (2d ed.).

1½Mj. Autumn Quarter; and First Term, Winter Quarter.

PROFESSOR MECHEM

*52. **Bankruptcy.**—Jurisdiction of the United States and the States; who may be a bankrupt; who may be petitioning creditors; acts of bankruptcy; what property passes to the trustee; provable claims; protection, exemptions, and discharge. Williston, *Cases on Bankruptcy*.

Mj. Autumn Quarter
ASSOCIATE PROFESSOR BIGELOW

63. **Constitutional Law I.**—Written constitutions: making, revision, amendment, judicial power to declare laws unconstitutional; due process of law: administrative proceedings, legislative action, judicial proceedings; separation of powers and independence of the judiciary; delegation of legislative power; limitations of legislative power: equality, liberty, property; police power; eminent domain. Thayer, *Cases on Constitutional Law*, Vol. I.

Mj. Autumn Quarter
PROFESSOR FREUND

*64. **Constitutional Law II.**—Federal jurisdiction and express powers; implied powers; citizenship; privileges and immunities of citizens; suffrage;

effect of later amendments; taxation; *ex post facto* and retroactive laws; laws impairing obligations of contracts; regulation of commerce; money; war. Thayer, *Cases on Constitutional Law*, Vols. I (part) and II.

1½Mj. Winter Quarter (two hours); and Spring Quarter.

PROFESSOR HALL

*65. **Municipal Corporations.**—General nature; corporate capacity; self-government; creation, annexation, division, dissolution, succession; mode of action, ratification, and curative acts; estoppel by recitals; municipal police power; local improvements and services, including special assessments; municipal property, especially public streets; municipal contracts; expenditures and donations; indebtedness and its constitutional limit; liability. Smith, *Cases on Municipal Corporations*.

Mj. Winter Quarter
PROFESSOR FREUND

[Given in 1906-7, and in alternate years thereafter]

*66. **Public Officers.**—Nature of office; eligibility; appointment and election; acceptance of office; qualifying for office; *de facto* officers; termination of officer's authority by expiration of term; resignation; removal; acceptance of incompatible office, etc.; authority of officer and its execution; liability of officer and the public; special remedies affecting official action. (Course 63 is a prerequisite.) Mechem, *Public Officers*, and selected cases.

Mj. Winter Quarter
PROFESSOR MECHEM

[Given in 1906-7, and in alternate years thereafter]

*67. **Administrative Law.**—Administrative regulations; jurisdiction, discretion, adjudication; enforcement of orders; habeas corpus; mandamus; certiorari; equitable jurisdiction in public law. Selected cases.

Mj. Winter Quarter
PROFESSOR FREUND

[Omitted in 1906-7, and in alternate years thereafter]

*70. **Conflict of Laws.**—(1) Jurisdiction: sources of law and comity; territorial jurisdiction; jurisdiction *in rem* and *in personam*; (2) remedies, rights of action, and procedure; (3) creation of rights: personal rights; rights of property; inheritance; obligations *ex delicto* and *ex contractu*; (4) recognition and enforcement of rights: personal relations; property; inheritance; administration of estates; judgments; obligations. Beale, *Cases on Conflict of Laws*, Vols. I, II, and III.

1½Mj. Second Term, Winter Quarter; and Spring Quarter.

ASSOCIATE PROFESSOR BIGELOW

*70A. Conflict of Laws.—A briefer treatment of Course 70.

DM. Second Term, Summer Quarter

ASSOCIATE PROFESSOR BIGELOW

71. International Law I. Mj. Autumn Quarter
PROFESSOR JUDSON

72. International Law II.

½Mj. Winter Quarter (two hours)

PROFESSOR JUDSON

[See Department of Political Science]

75. Roman Law. Mj. Autumn Quarter
PROFESSOR FREUND

[See Department of Political Science]

[Omitted in 1906-7]

80. Pleading.—Common law pleading with reference to code pleading and equity pleading. Necessary allegations for various causes of action; demurrers; methods of pleading defenses, whether in denial or by confession and avoidance; replications; duplicity; departure; new assignment; motions on the pleadings. Ames, *Cases on Pleading* (2d ed.), and selected cases.

1½Mj. Second Term, Winter Quarter; and Spring Quarter. PROFESSOR WHITTIER

82. Damages.—Nominal, exemplary, special, prospective, liquidated, and direct damages; certainty; avoidable consequences; value; physical and mental suffering; aggravation and mitigation; interest; counsel fees; sales of realty; sales of personalty; non-payment of money; wrongful death.

Mj. Spring Quarter
MR. ECKHART

84. Evidence.—Nature of evidence; the jury; judicial notice; burden of proof; presumptions; admissions; law and fact; rules of exclusion: misleading or unimportant matters, character evidence, confessions, hearsay, with their exceptions; opinion evidence; real evidence; writings, including proof of execution and contents, and the "parol evidence" rule; competency, privilege, and examination of witnesses. Thayer, *Cases on Evidence* (2d ed.).

1½Mj. Autumn Quarter; and First Term, Winter Quarter. PROFESSOR WHITTIER

PRACTICE COURSES

[Credit not given in Majors]

90. Practice I.—Powers of courts; principles of jurisdiction; commencement of actions, venue, service of process; proceedings *in rem*, *quasi in rem*, and personal actions; court records; filing and serving pleadings; defaults; assessment of damages, entry of judgment, appearance, motions to set aside defaults or vacate judgments; settling pleadings; death of parties; amendments; preparation and trial of cases: right to open and close, presentation of evidence, instructions to jury, motions for new trial, entry of judgment; affidavits and depositions.

Autumn, Winter, and Spring Quarters (one hour). PROFESSOR TENNEY

[Required of second-year students]

*91. Practice II.—Judgments and decrees at law and in equity; form and mode of entering; judgments by confession; enforcement of judgments and decrees: judgment liens, executions, creditors' bills, attack upon fraudulent conveyances; appointment of receivers, discovery of assets; review of judgments on appeal: nature of appellate jurisdiction, preserving questions for review, bills of exceptions, certificates of evidence, appealable orders, appeals, writs of error, preparation of transcript, assignments of error, hearings, briefs, arguments; judgment of reviewing court: affirmance, reversal, modification, proceedings in lower court; practice regarding receiverships, injunctions, attachment, garnishment, and replevin suits; preparation by class of briefs, arguments, and opinions; practical suggestions upon conducting a law office.

Autumn, Winter, and Spring Quarters (one hour). PROFESSOR TENNEY

[Required of third-year students]

LECTURE COURSES

[Non-credit courses]

Patent Law	- - - - -	MR. PARKER
Copyright Law	- - - - -	MR. REED
Trademark Law	- - - - -	MR. REED
Mining Law	- - - - -	MR. ZANE
Irrigation Law	- - - - -	MR. ZANE
Admiralty Law	- - - - -	MR. KREMER
Legal Ethics	- - - - -	MR. JUSTICE FREEMAN

THE COURSES IN MEDICINE AND PREPARATORY TO MEDICINE

The work of the first two years of the curriculum of Rush Medical College is included in these courses. Descriptions of the courses in Medicine and preparatory to Medicine, of advanced and research courses, statements as to the scope of the work in different subjects, and the names of the instructing staff, may be found in connection with the departmental announcements in this *Register*, as indicated below.

XX. THE DEPARTMENT OF CHEMISTRY*

(For Courses in this Department see pp. 248-254)

General and Organic Chemistry and Qualitative Analysis are now prerequisites to the medical courses proper. The necessary knowledge of the subject can be obtained from Chemistry 1, 2, 3, 4, and 6 or Admission Chemistry and 2S and 3S, 4 and 6.†

Organic Chemistry, 17 (Mj), Summer Quarter, or 14 and 15 (2Mj) may be substituted for Course 4.

Students who are preparing for the study of medicine, and who are also candidates for a Bachelor's degree in the University of Chicago, are strongly recommended to take at least two Majors more of Chemistry, viz., Quantitative Analysis, 8, and Physical Chemistry, 28 (see p. 102).

Candidates for a Bachelor's degree who expect to do research work in Physiology or allied medical subjects may with advantage elect further courses from the following: Quantitative Analysis, 9; Organic Chemistry, 14, 15, and 16; or Advanced General Chemistry, 23 (see p. 102).

Course 19, the Chemistry and Preparations of Medicinal Drugs, $\frac{1}{2}$ Mj, or 19A, a Laboratory Course, supplementary to Course 19, $\frac{1}{2}$ Mj, is required in the medical curriculum.

XXII. THE DEPARTMENT OF ZOÖLOGY

(For Courses in this Department see pp. 263-267)

One Major of Vertebrate Embryology is required in the medical curriculum: Course 20 or 21.

XXIII. THE DEPARTMENT OF ANATOMY

(For Courses in this Department see pp. 267-270)

The required dissection is included in Courses 1, 2, 3, 4, and 5; Splanchnology, Histology, and Cytology in Courses 10, 11, and 12. Anatomy (Neurology) is also required.

For Embryology see Department of Zoölogy.

XXIV. THE DEPARTMENT OF PHYSIOLOGY

(Including Physiological Chemistry and Pharmacology)

(For Courses in this Department see pp. 270-272)

Premedical students may profitably elect Courses 1 and 2.

The minimal work for medical students includes Courses 12, 13, and 14.

The required work in Physiological Chemistry consists of Course 20; that in Pharmacology of Course 21.

XXVIII. THE DEPARTMENT OF PATHOLOGY AND BACTERIOLOGY

(For Courses in this Department see pp. 278-279)

Course 1, General Bacteriology, and Courses 2A and 2B, General Pathology and Pathological Histology, are required in the medical curriculum.

*For courses in *Physiological Chemistry* see the Department of Physiology.

†Medical students who enter without receiving credit for High School Chemistry are required to take General Chemistry, Courses 1, 2, 3, 4 and 6. Students entering without Organic Chemistry will take Course 4, Autumn Quarter, 1906.

THE COLLEGE OF EDUCATION

COURSES OF INSTRUCTION*

CI. EDUCATION

PSYCHOLOGY, PHILOSOPHY, AND PRINCIPLES OF EDUCATION

1. **Elementary Principles of Education.**—A study of some of the more concrete aspects of the psychology of mental development, with applications to problems of education. Frequent observation of work going on in the Elementary School, with reports and discussions, will constitute a part of the regular work of the course. For first-year students.
Mj. Autumn Quarter
ASSISTANT PROFESSOR GORE
- 1A. **The Principles of Education.**—A consideration of education as a social process; its nature; the facts involved; the problem of heredity, social and biological; the problem of the end or ideal; the importance of informal and unconscious factors; the ethical problem, etc.
M. Second Term, Summer Quarter; 8:00
DR. KING
2. **Introductory Psychology.**—Textbook: Angell's *Psychology*. For second-year students.
Mj. Winter Quarter
Repeated in the Spring Quarter
ASSISTANT PROFESSOR GORE
3. **Educational Psychology.**—A comparison of some of the typical and significant attempts that have been made in recent years to deal with educational problems from a psychological point of view. The discussions will center about the following books: Dewey, *Psychology and Social Practice* (University of Chicago Press); *Interest as Related to Will* (Herbart Year Book, 1895); Hall, *Adolescence*; Harris, *Psychologic Foundations of Education*; James, *Talks to Teachers on Psychology*; Judd, *Genetic Psychology for Teachers*; Münsterberg, *Psychology and Life*; Thorndike, *Educational Psychology*.
Mj. Spring Quarter
ASSISTANT PROFESSOR GORE
Prerequisite: *Introductory Psychology*.
- 3A. **Educational Psychology.**
M. Second Term, Summer Quarter; 11:30
DR. KING
4. **Genetic Psychology.**—Problems, methods, and data in the psychological growth of children and youth.
Mj. Autumn Quarter
ASSISTANT PROFESSOR GORE
Prerequisite: *Introductory Psychology*.
- 4A. **Genetic Psychology.**—This course is planned to serve as an introduction to a study of the distinct modes of mental functioning in the human mind, considered from the genetic point of view.
M. First Term, Summer Quarter; 2:30. 351 213
Prerequisite: *Course 2*.
DR. MACMILLAN
5. **Individual Psychology and Child-Study.**—Problems regarding methods of studying individual variations in temperament, capacity, and development. Laboratory equipment for the investigation of special problems will be provided, so far as practicable.
Mj. Winter Quarter
ASSISTANT PROFESSOR GORE
Prerequisite: *Two courses in Psychology*.
[Not to be given in 1907]
- 5A. **Child-Study.**—This course will embrace such vital topics as the theory of mental measurements, the description and characterization of children's traits, the place and importance of practical Child-Study in a school system, and the like. For Seniors and Graduates. Prerequisite: *Course 2*.
M. First Term, Summer Quarter; 1:30. 351 213
DR. MACMILLAN
6. **Special Problems in Genetic Psychology.**—Designed for those who are prepared to undertake psychological investigations involving the observation and experimental study of school children. For Graduate students.
Mj. Winter Quarter.
ASSISTANT PROFESSOR GORE

NOTE.—Two adjoining rooms have been equipped for laboratory work in psychology and child-study in the School of Education.

* These Courses are more fully described in the *Bulletin of Information* of the College of Education.

7. **The Psychology of the Educational Process.**—A critical and constructive study of selected problems bearing upon educational theory and practice. Feeling, will, habit, attention, apperception, and similar topics will be discussed. For Graduate students.

Mj. Winter Quarter; 9:30.
PROFESSOR ANGELL.

8. **Seminar.**—Psychological Seminar. Methods of instruction in Psychology. Textbooks, lectures, etc. Ideals in the organization of courses in colleges, normal schools, and institutions of secondary grade. **Psy Lab**

M. First Term, Summer Quarter; Mon. 1:30-3:30.
PROFESSOR ANGELL

9. **Philosophy of Education.**—The point of view will be that of the gradual socialization of the child, and the part which education plays in this. Both formal and informal education will be considered. On the one side, the development of the child will be considered as the justification for a psychological theory of education, on the other side, the demands of the society into which the child is entering will suggest the sociological theory. The inadequacies of each will be indicated, and the necessity of replacing them by a social conception of education which can recognize both the child and society at once. The chief features of present school practice and theory will be criticised from this standpoint.

M. First Term, Summer Quarter; 10:30. **31213**
ASSOCIATE PROFESSOR MEAD

The Physical Basis of Education.—A course of ten open lectures on the laws of growth and development in their bearing on education.

First Term, Summer Quarter
PROFESSOR TYLER

10. **Philosophic Bases of Modern Education.**—A comparative study of the philosophic and educational development beginning with Bacon and Comenius, with special stress upon the Kant-Herbert period. The course presupposes elementary psychology and a general acquaintance with the history of modern philosophy and education.

Mj. Spring Quarter
ASSOCIATE PROFESSOR MOORE

11. **Principles of Education.**—The aim, meaning, methods, and content of education are considered from the point of view of human capacities and values, and their evolution in interaction

with natural and social environment. Individual development and social progress, the intellectualistic and the voluntaristic views of mind and character, current theories of discipline, interest, culture, correlation or coordination of subjects are analyzed.

Mj. Summer Quarter, 1907
PROFESSOR TUFTS

12. **The Curriculum and Methods of Instruction in the Elementary School.**—This course is especially designed for teachers below the high school and is offered with a view to assisting those who are observing in the Model School during some hour of the day. It is based largely upon the work of the pupils in the subjects of Nature-Study, Geography, History, Arithmetic, and the various forms of handwork.

M. First Term, Summer Quarter; 11:30. **31309**
PROFESSOR JACKMAN

13. **Principles and Methods in Elementary Teaching (Elementary).**—This course is designed especially for teachers who have had a limited experience in teaching and for teachers in ungraded schools.

M. Second Term, Summer Quarter. **31**
MISS COOKE

14. **Principles and Methods in Elementary Teaching (Advanced).**—This course is intended for teachers who have had considerable experience in elementary-school work and for supervisors of schools. One Round Table a week. The general subject of these will be "The Essentials of an Ideal Course of Study."

M. Second Term, Summer Quarter. **31**
MISS COOKE

15. **The Elementary School Curriculum—Teachers' Training Course.**—A consideration of the subjects of study from the standpoint of the pupils. Organization of subject-matter with special regard to the needs of the pupils and of the school community. The curriculum as a basis for character building. Except by the consent of the Dean and the instructor, this course is open only to those who are engaged in observation or teaching in the Elementary School.

Mj. Autumn Quarter; 8:30
PROFESSOR JACKMAN

16. **The Philosophy of Method in Elementary Instruction.**—(TEACHER'S TRAINING COURSE.)—The activities of children as reactions upon their

surroundings considered as a basis for determining methods in teaching.

Mj. Winter Quarter; 8:10

PROFESSOR JACKMAN

KINDERGARTEN

31. **The Child and the Curriculum.**—A study of fundamental laws of growths and of consequent adaptations of material and method in the Kindergarten and Elementary School. Definite observations will be made in the kindergarten and primary grades in hours set apart for the purpose. Baldwin's *Story of the Mind*, Dewey's *School and Society*, and Tanner's *The Child*, will be among the books used. For first-year students in the kindergarten course.

Mj. Winter Quarter; 11:00

MISS PAYNE

- 31A. **Mental Development in Infancy and Early Childhood.**—The reading for the course will be from Tanner, *The Child*; King, *Psychology of Child Development*; Oppenheim, *The Development of the Child*; Baldwin, *Mental Development in the Child and the Race*; Groos, *Play of Man*. Prerequisite: *Introductory Psychology*.

M. First Term, Summer Quarter. 191

MISS PAYNE

[Not to be given in 1906]

32. **Kindergarten Theory and Practice**—(Elementary).—A study of the work and play of the kindergarten based upon mental growth and social life. Detailed work in occupations, in building, design, and organized constructive plays. Practice-teaching in the kindergarten two hours daily.

Mj. Spring Quarter

MISS PAYNE

- 32A. **Kindergarten Theory and Practice** (Elementary).—This course is intended for those who are beginning their preparation for kindergarten teaching. It includes a study of theories of play, the relation of play to work, and some detailed practical work in the organization of plays and games, and in construction, occupations, building, designing, and modeling.

M. First Term, Summer Quarter

MISS TEMPLE

33. **Froebel's Educational Philosophy.**—A Study of Froebel's *Education of Man and Mother Play Books*, *Pedagogics of the Kindergarten*, and a study of principles applied in nature-work and

games. For second-year students. Observation and practice.

Mj. Winter Quarter

MISS PAYNE

Prerequisites: *Education 2* and *Course 32* or equivalent.

34. **Kindergarten Theory and Practice**—(Advanced).—A continuation of Course 32, with detailed work in games, ring games, rhythmic, competitive, and dramatic games. Preparation of plans and teaching in the kindergarten and primary grades. For second year students.

DMj. Autumn Quarter

MISS PAYNE

Repeated in the Winter Quarter.

Teaching: daily, 9:00–11:00.

Lectures: Mon. and Thurs., 12:00.

35. **Kindergarten Theory and Practice** (Advanced).—A continuation of Course 34, with emphasis on nature study, and on the study of individual children. Teaching under supervision three hours daily. Lectures three hours. For second-year students.

DMj. Spring Quarter

MISS PAYNE

36. **The Evolution of the Kindergarten.**—A comparison of the educational philosophy and implicit psychology of Froebel with that of other educators. For kindergartners who have had professional training and experience in teaching. Observation and practice.

Mj. Spring Quarter

Given also as M. First Term Summer Quarter

MISS PAYNE

HISTORY OF EDUCATION

50. **History of Education.**—A Quarter's course in the history of education, designed for students in Course A. The ancient and mediaeval periods will be summarized by way of introduction to the more thorough study of the modern movement.

Mj. Autumn Quarter; 12:00

ASSOCIATE PROFESSOR OWEN

51. **History of Education.**—Ancient times to Charlemagne. For the Senior Colleges.

Mj. Autumn Quarter; 8:30.

ASSOCIATE PROFESSOR OWEN

52. **History of Education.**—Charlemagne to modern times. For the Senior Colleges.

Mj. Winter Quarter; 8:30.

ASSOCIATE PROFESSOR OWEN

53. **Education in the United States.**—A study of the development of education in the United States, with special emphasis on social conditions, outside influences, important leaders, present day tendencies and theories. For Graduate students; open to Senior College students with two Majors in education. Mj. Spring Quarter
ASSOCIATE PROFESSOR OWEN

55. **Herbart's Doctrines of Education.**—A study of the ethical and psychological bases of education followed by an examination of the essential elements in Herbart's pedagogy, with comparison of Herbart's doctrines with other important systems.

M. Second Term, Summer Quarter; 2:30. Bl 213
DR. Sisson

56. **The Schools of Germany, England, and the United States.**—For Graduate students; open also to Senior College students with two Majors in Education.

M. First Term, Summer Quarter; 9:30
Mj. Autumn Quarter
PROFESSOR BUTLER

57, 58. **Seminar in the History of Education.**

Mj. Winter and Spring Quarters
ASSOCIATE PROFESSOR OWEN

ADMINISTRATIVE AND SOCIAL ASPECTS OF EDUCATION

70. **Problems in Secondary Education.**

M. First Term; Summer Quarter
Mj. Spring Quarter
PROFESSOR BUTLER

71. **The School and the Community.**

Mj. Spring Quarter; 9:30
PROFESSOR BUTLER

72. **Problems of Supervision and Administration in Public Schools.**—Course designed for superintendents, principals, and supervisors.

M. Second Term, Summer Quarter; 9:00
MR. VAN SICKLE

73. **Problems of Curriculum and Method in Elementary and High Schools.**—For teachers, supervisors, and principals.

M. Second Term, Summer Quarter; 10:30
MR. VAN SICKLE

74. **The Teaching of Science in the Secondary School.**

Mj. Autumn Quarter
ASSOCIATE PROFESSOR MEAD

CIV. HISTORY

1. **Teachers' Training Course in History.**—Discussion of a course of study in History for secondary

schools and of methods of teaching. Observation in the University High School. Open to Senior College students. Required of all special students in History who are candidates for the degree of Ed.B. Mj. Autumn Quarter; 9:30

ASSOCIATE PROFESSOR RICE

2. **History and Literature for Primary Grades.**—A study of primitive industrial arts and of children's stories. Observation in the University Elementary School. For first-year students. Required of all students for the diploma. See Course 6. Mj. Autumn Quarter; 11:00

Given also as M. First Term; Summer Quarter
ASSOCIATE PROFESSOR RICE

3. **Teachers' Course in American History.**—This course will emphasize the relation of the geography of the United States to its history. For second-year students. Required of all students for the diploma.

Mj. Winter Quarter; 8:30
Given also as M. First Term; Summer Quarter
ASSOCIATE PROFESSOR RICE

4. **Local History and Civics.**—Observation in the University Elementary School. Elective Course. Open to students who have taken one required course.

Mj. Spring Quarter; 8:30
ASSOCIATE PROFESSOR RICE

5. **Teachers' Course in Ancient History.**—This course will emphasize the relation of art and history. Observation in the University High School. Open to Senior College students. Required of all special students who are candidates for the degree of Ed.B.

Mj. Spring Quarter; 9:30
ASSOCIATE PROFESSOR RICE

6. **History and Literature in the Elementary School.**—For first-year students. This course may be substituted for Course 2. Observation in the University Elementary School.

Mj. Winter Quarter; 9:30
ASSOCIATE PROFESSOR RICE

7. **The History and Geography of the United States.**—This course will include observation in the University Elementary School.

DM. First Term, Summer Quarter; 8:00-10:00
ASSOCIATE PROFESSORS RICE AND BABER

[Not to be given in 1906-7]

CVIA. HOME ECONOMICS

1. **Food Products and Their Preparation.**—An elementary course illustrating the principles involved in the study of food, with simple labora-

tory experiments that may be carried out with a minimum of equipment. Designed especially for grade teachers.

Laboratory: Mon., 2:00-4:00.

Mj. Spring Quarter; 8:30-9:30

ASSISTANT PROFESSOR NORTON AND MISS DANIELS

Also as M. First Term, Summer Quarter; 8:00

381 388

ASSISTANT PROFESSOR NORTON AND MISS SNOW

2. **Food and Dietetics.**—The nature, nutritive constituents, and relative values of foods. Typical processes of food production. The cost of food. Dietaries.

Lectures: Mon., Wed., Thurs., 8:30-9:30

Laboratory: Mon. and Tues., 2:00-4:00

Mj. Autumn Quarter

ASSISTANT PROFESSOR NORTON AND MISS DANIELS

3. **The Application of Heat to Food Materials.**—The methods by which heat is applied to food, and the changes caused in the different food constituents. Household fuels and their uses; cooking apparatus and the principles of its construction. Primitive and modern methods of cookery.

Lectures: Mon. and Wed., 8:30-9:30

Laboratory: Mon. and Tues., 2:00-5:00

Mj. Winter Quarter

ASSISTANT PROFESSOR NORTON AND MISS DANIELS

Prerequisite: *Course 2*.

- 3A. **The Application of Heat to Food Materials**—With laboratory work in cooking. Supplementary to 1.

M. Second Term; Summer Quarter 8:00. 381 388.

4. **The Composition and Nutritive Value of Foods.**—The need of the body for food; the study of the typical food materials supplying this need; their composition from the structural and chemical standpoint. First Term.

Economic phases of the food supply; comparative value of commercial food products; adulterations and their detection; dietaries and dietary standards. Second Term.

Lectures 3 hours (Mon., Wed., Fri., 11:30)

Laboratory 4 hours (Tues., Thurs., 10:30).

Mj. Summer Quarter; 10:30-12:30. 381 388

ASSISTANT PROFESSOR NORTON AND —

5. **Special Methods in the Preparation of Food.**—Advanced work in experimental cookery.

Laboratory: Wed. and Thurs., 2:00-4:30.

Mj or $\frac{1}{2}$ Mj. Autumn Quarter

ASSISTANT PROFESSOR NORTON

6. **Chemistry of Foods.**—The different food principles, with methods of identifying and separating them. Food adulterations and household methods for their detection.

Lectures; Laboratory: Thurs. and Fri., 2:00-5:00. Other hours arranged.

Mj or $\frac{1}{2}$ Mj. Spring Quarter; Winter, in 1906

ASSISTANT PROFESSOR NORTON

Prerequisite: *General Chemistry and Course 1*.

7. **Special Problems in Food Chemistry.**—Laboratory work. Individual problems assigned for investigation. Hours arranged.

Mj or $\frac{1}{2}$ Mj. Spring Quarter

ASSISTANT PROFESSOR NORTON

Prerequisite: *Course 6*.

8. **Evolution of the House.**—The development of the modern house from primitive conditions. Modern household problems of furnishing, equipment, and care.

Lec. and Lab.

$\frac{1}{2}$ Mj. Autumn Quarter; 9:30-10:30

ASSISTANT PROFESSOR NORTON

9. **The Teaching of Home Economics.**—The purpose and method of the work. Courses of study, school equipments. The relation of the subject to other studies and to the life of the school.

Mj. Winter Quarter, 11:00-12:00

ASSISTANT PROFESSOR NORTON

- 9A. **The Teaching of Home Economics.**

First Term.—Lecture, three hours; observation of the teaching of the subject in the Elementary School, two hours.

Second Term.—A more detailed consideration of school courses. The development in the laboratory of typical courses and methods. Lecture and laboratory.

Mj. M. Either Term, Summer Quarter; 9:00. 381 388

CXIII. FRENCH

1. **Theory and Practice in the Teaching of French.**

Mj. Autumn and Winter Quarters; 11:00

MISS ASHLEMAN

CXVII. MATHEMATICS

1. **The Teaching of Elementary-School Mathematics.** Mj. Summer and Winter Quarters; 12:00

PROFESSOR MYERS

2. **The Teaching of Secondary Mathematics.**—Attention is here centered upon the teaching of secondary algebra and geometry, though the

correlations of these subjects with each other and with other allied subjects of the curriculum are considered.

Mj. Summer and Spring Quarters; 11:00
PROFESSOR MYERS

3. **Astronomy for High School and College Students.**—This course is designed for high-school students who have completed two years of work and for teachers who desire to qualify for laboratory and experimental work in the teaching of high-school astronomy.

Mj. Autumn Quarter
PROFESSOR MYERS

4. **Surveying and Astronomy.**

Mj. Spring Quarter; 12:00
PROFESSOR MYERS

NOTE.—Registration must be made for a ten-hour period and a deposit of \$2.00 must be made with the Registrar. Number limited to 16.

Prerequisite: *A knowledge of the Trigonometric functions and of the use of logarithmic tables.*

5. **History of Mathematics.**—The aim is to trace the ideas which from age to age have dominated mathematical thinking and teaching and have given direction and impetus to reformative and progressive movements in mathematical education. Mj. Winter Quarter; 11:00

PROFESSOR MYERS

Prerequisite: *Mathematics 1 and 2 or 2A.*

6. **Analytics.**—This is purely a subject-matter course for the students of both the College of Education and the Department of Mathematics of the University.

Mj. Spring Quarter
PROFESSOR MYERS

Prerequisite: *A Major credit in both college Algebra and Trigonometry, or Mathematics I and II.*

7. **Course in the Observation of Teaching in the High School.**—For prospective teachers of secondary mathematics who desire to study classroom methods and management at close range before entering upon practice-teaching, or upon actual teaching.

Mj. All Quarters
PROFESSOR MYERS

8. **Practice-Teaching in the High School.**—For intending secondary teachers who desire a closer acquaintance with actual teaching of mathematics than is possible in the courses on the theory of teaching the special subjects.

Mj. All Quarters
PROFESSOR MYERS

CXXII. NATURAL SCIENCE

THE TEACHING OF NATURE STUDY AND NATURAL SCIENCE

1. **Field Work in Nature Study (TEACHERS' TRAINING COURSE).**—An investigation, from the standpoint of teaching, of typical areas in the vicinity of Chicago with a view to determining the genesis, and their content and distribution of life. A preliminary course in nature study and a prerequisite for all the following courses in the teaching of natural science. (Entering students may register for either Autumn or Spring Quarter.)

Field work Wednesday p. m. and Saturday morning.

Fall aspect: 1 Mj. Autumn Quarter; 2:00
Spring aspect: 1 Mj. Spring Quarter; 2:00

MR. I. B. MEYERS

2. **Nature Study: Pedagogical Aspects of Field and Laboratory Work (TEACHERS' TRAINING COURSE).**—A selected landscape area studied as a unit. Its daily seasonal and cosmic events considered dynamically. Laboratory work in the solution of problems presented by the area derived from a study of the soil, climate, plants, and animals.

Mj. Autumn and Spring Quarters
MR. I. B. MEYERS

Prerequisite: *Course 1.*

3. **Nature Study.**—This course is based directly upon the study of different areas located within a few minutes' walk of the School. It will be supplemented further by a series of excursions to other regions that have been planned conjointly with the teachers of History, Geography, and Art. The relation of Nature Study to other studies, especially to number and art forms of expression, will be considered in a discussion suggested by *Queries*.

M. First Term; Summer Quarter; 8:00. **BI 309**
Repeated Second Term, M. 8:00

PROFESSOR JACKMAN

4. **Science in the High School (TEACHERS' TRAINING COURSE).**—The field of Science considered from the point of view of high-school pupils. Required of all special science students who are candidates for Ed. B. Mj. Winter Quarter

PROFESSOR JACKMAN

5. **Relation of Natural Science to Moral Culture (TEACHERS' TRAINING COURSE).**—Review of the chief points in the theory of evolution. Some

applications of the principles of this theory in the development of moral character. Evolution of conduct, under natural law, toward uprightness. A consideration, from the standpoint of science, of the more important ethical problems arising in the education of children. Based upon observations and upon reading from Darwin, Lyell, Huxley, Spencer, Haeckel, Metchnikoff, and White. Advanced Course.

Mj. Spring Quarter

PROFESSOR JACKMAN

6. **Nature Study (TEACHERS' TRAINING COURSE).**—A combined field and laboratory course giving a general presentation of the subject-matter of Nature Study in its relations to the curriculum as a whole. This course is designed for special students in the courses in Arts and Technology.

$\frac{1}{2}$ Mj. Spring Quarter

Tuesday and Thursday, 2:00–4:00.

PROFESSOR JACKMAN

CXIIA. GEOGRAPHY

1. **Geography in the Primary Grades.**—A study of type topographies, climates, and life as related to human industries. Special consideration of peoples whose habits show marked geographic control.

M. First Term; Summer Quarter

Mj. Autumn and Spring Quarters

ASSOCIATE PROFESSOR BABER

2. **Geography in the Grammar Grades.**—Continental Study: North America. A study of the physical, commercial, and political relations.

Mj. Autumn Quarter

ASSOCIATE PROFESSOR BABER

Prerequisite: *Physiography or Course 1, Natural Science.*

3. **Geography in the Elementary School.**—The teaching of Eurasia. A study of the physical, climatic, and life conditions of the continent: relation to human occupations and industries. Chalk-modeling. May be taken in place of Course 2. M. First Term; Summer Quarter

Mj. Winter Quarter

ASSOCIATE PROFESSOR BABER

Prerequisite: *Physiography or Course 1, Natural Science.*

4. **Geography in the High School.**—A study of the underlying principles in the selection and adaptation of subject-matter in Physiography and Geography. Open to those qualified for observation and practice in the High School.

Mj. Spring Quarter

ASSOCIATE PROFESSOR BABER

5. **The Place of Geography in the Curriculum.**—A consideration of the course of study in geography in relation to other subjects. For students in Arts and Technology.

M. Autumn Quarter

ASSOCIATE PROFESSOR BABER

6. **Geography of Food Products.**—A consideration of the teaching of geography through the study of food products. For students in Home Economics.

M. Winter Quarter

ASSOCIATE PROFESSOR BABER

7. **Bio-Geography of North America.**—A study of the type physical areas of North America with reference to the nature and relative values of their physical components; their life content, its general distribution within the area, the adjustment of life with reference to the more general physical influences. The resources of the area as utilized or neglected by man.

Mj. Winter Quarter

MR. I. B. MEYERS.

Prerequisite: *Natural Science, 1; Geography, 1 or 2.*

8. **General Geography (Advanced).**—A study of the topography of continents and islands; distribution of heat, winds, rainfall, products. Theory and practice in teaching. Chalk-modeling.

Mj. Spring Quarter

ASSOCIATE PROFESSOR BABER

Prerequisite: *Geography 1 and 2.*

20. **Field Geography.**—This course will furnish a basis for teaching geography and physiography. A trip will be made to Old Point Comfort, Va., with stops at points of special geographic or historic interest in the Allegheny plateau, Appalachian Mountains, Piedmont and Coastal Plain. 3M. Second Term, Summer Quarter

ASSOCIATE PROFESSOR BABER

21. **Geographic Drawing and Chalk-Modeling.**—Black-board sketching of typical surface features: plains, valleys, mountains, glaciers, cañons, shore features, etc.; cross-sections and pictorial representations of large sections of continents, as plateaus, river basins, and mountain systems; chalk-modeled relief maps. The work will be done on paper as well as on the blackboard.

M. First Term, Summer Quarter; 11:30.

Repeated; 1:30. J31 210

MR. THORNE-THOMSEN

CXXXI. SPEECH, ORAL READING, AND DRAMATIC ART

1. **Oral Reading in Elementary Schools.**—Required of all students in Courses A and B.

Mj. Summer, Autumn, and Spring Quarters
ASSOCIATE PROFESSOR FLEMING

2. **Interpretative Reading of Literature.**—Adapted to the different grades in the elementary school and to the high school. Review of standard school readers. Plans for teaching the oral reading of literature in the different grades. Practice in oral reading and in teaching in the grades. Required of all students in Courses A and B.

½Mj. Spring Quarter

ASSOCIATE PROFESSOR FLEMING

Prerequisite: *Course 1.*

3. **Interpretation of Children's Stories.**—A study of comparative mythology and folk-lore, with a view to the adaptation, the writing, telling and dramatization of stories for children. Bible stories. Suggestive lists of stories. Practice in adapting, writing, and telling stories. Elective; required of second-year special students.

Mj. Autumn Quarter; 12:00

ASSOCIATE PROFESSOR FLEMING

Prerequisite: *Course 1.*

4. **Dramatic Work in the Elementary and Secondary Schools.**—A study of the manifestations of the dramatic instinct. A study of Shakespeare and the modern drama from the standpoint of construction. Practice in play-writing and stage management. Elective; required of second-year special students.

Mj. Winter Quarter

ASSOCIATE PROFESSOR FLEMING

Prerequisite: *Courses 1 and 3.*

5. **The Teaching of Oral Reading, Oratory, Debate, and Extemporaneous Speaking in the High School.**—This course has in mind the training of teachers for secondary schools. It takes a unified view of the literature used in the high school, and concerns itself with the reading and oral reading of literature as an educative process and a method of study; also with the function of oratory, debate, and extemporaneous speaking in the high school. Methods of teaching these are pointed out and critically studied. Methods of securing good spoken English will be discussed; also the diagnosis and treatment of speech defects. As much time as possible will be devoted to practice in speech and oral reading.

Mj. Winter Quarter

ASSOCIATE PROFESSOR FLEMING

6. **Technique—Gesture, Voice, Speech :**

- a) *Function of gymnastics* as a preparation for expression. Study of movements which are the spontaneous expression of thought and feeling.
- b) *Voice*—Voice in speech and song. Care and management of children's voices.
- c) *Speech*—Standard English. How determined. Training the ear to recognize speech qualities, to discriminate the elements—vowels, glides, and consonants. Training the speech organs. Formations of vowels; articulation of consonants. A study of the cause of speech defects. Diagnosis and treatment of speech defects. Elective; required of second-year special students.

Mj. Winter Quarter

ASSOCIATE PROFESSOR FLEMING

Prerequisite: *1 and course in Vocal Music.*

7. **Interpretation of Children's Stories: Dramatic Work in the Elementary and Secondary Schools.**—This course is a combination of Courses 53 and 54, arranged for Summer students, and is a study of comparative mythology and folk-lore, with a view to the adaptation, the writing, telling, and dramatization of stories for children. Bible stories.

Mj. Summer Quarter, 1906

M. either Term

ASSOCIATE PROFESSOR FLEMING

CXXXII. PHYSICAL EDUCATION

01. **General Hygiene.**—A study of the subject of health and the factors in school-life that influence it. Special attention will be paid to the practical relations between hygiene and its fundamental physiology and anatomy. The hygiene of growth and development. For first-year students.

First Term, Autumn Quarter; Mon., Thurs., 4:00.

MISS MANN

1. **Child Hygiene.**—The physical side of child-study. For kindergarten teachers. With Course 01 (Autumn and Spring) credit for ½ Major is given.

Second Term, Autumn Quarter; Mon., Thurs., 2:00.

DR. NESBIT

2. **Fundamental Gymnastics.**—A preparatory course in practical gymnastics, illustrative of the fundamental procedures, analysis, technique, and order of gymnastic movement-forms. A general

course for elementary-school teachers. With Course 5 credit for $\frac{1}{2}$ Major is given.

Second Term, Autumn Quarter; Mon., Tues., Thurs., 4:00.

ASSISTANT PROFESSOR KROH

02. **Fundamental Gymnastics.**—The same as Course 2, except that it is non-credit and compulsory for all first-year students.

Second Term, Autumn Quarter; Mon., Thurs., 4:00.

ASSISTANT PROFESSOR KROH

3. **Fundamental Gymnastics: Theory and Practice.**—A course presenting the fundamental principles of educational gymnastics. Includes a study of normal standards of development. Practical work includes tactics, free standing, marching and running exercises; the simpler organized games and plays. A general course for primary and grammar teachers.

M. First Term, Summer Quarter; 9:00

MISS MANN

4. **General Gymnastics.**—A continuation of Course 2. Includes apparatus gymnastics, and the practice of the higher organized games and plays; also, dancing calisthenics, and other forms of applied gymnastics.

$\frac{1}{2}$ Mj. Winter Quarter; Mon., Tues., Thurs., 4:00.

ASSISTANT PROFESSOR KROH

Prerequisite: *Course 2.*

04. **General Gymnastics.**—The same as Course 4, except that it is non-credit, and compulsory for all first-year students in Courses A and B.

Winter Quarter; Mon., Thurs., 4:00

ASSISTANT PROFESSOR KROH

5. **Theory and Practice of School Gymnastics.**—A study of the class aims embodied in the general scheme of physical training in the School of Education. With Course 2 credit for $\frac{1}{2}$ Major is given.

First Term, Spring Quarter; Mon., Tues., Thurs., 4:00.

ASSISTANT PROFESSOR KROH

Prerequisite: *Courses 2, 4.*

05. **Theory and Practice of School Gymnastics.**—A non-credit course, based on Course 5, compulsory for all first-year students in Courses A and B.

First Term, Spring Quarter; Mon., Thurs., 4:00.

ASSISTANT PROFESSOR KROH

6. **School Gymnastics, Theory and Practice.**—(A continuation of Course 3.) Study of gymnastic procedures based on knowledge derived from the study of the structure and functions of the human body. The interpretation of individual needs and qualifications. Practical work includes the addition of gymnastic dancing and other forms of applied gymnastics, and the higher organized games and plays.

M. First Term, Summer Quarter; 11:30

MISS MANN

7. **General and Applied Gymnastics.**—Survey of the subject-matter of gymnastics; classification and adaptation, according to values and effects; problems of system and method; comparative results of methods in educational gymnastics; practical school anthropometry. For elementary, high-school, and critic teachers (second year).

$\frac{1}{2}$ Mj. Winter Quarter; Mon., Tues., Thurs., 3:00.

ASSISTANT PROFESSOR KROH

Prerequisite: *Courses 2 and 4, or 5, or equivalent.*

07. **General and Applied Gymnastics.**—For all students in Courses A and B, second year. Non credit. Winter Quarter; Mon., Thurs., 3:00

ASSISTANT PROFESSOR KROH

8. **Pedagogics of Gymnastic Instruction.**—The function of organized gymnastics in the school. A study of the results of investigations of methods of physical training. Processes of work-methods for reinforcing progress. Relation of gymnastics and athletics. Preparation, critical examination, and discussion of teaching outlines. For second-year students, critic, and high-school teachers.

$\frac{1}{2}$ Mj. Spring Quarter; Mon. and Thurs., 3:00

ASSISTANT PROFESSOR KROH

Prerequisite: *Course 5.*

9. **Pedagogics of Gymnastic Instruction.**—The functions of organized gymnastics in the school. A study of the results of investigations of methods of physical training. Processes of work-methods for reinforcing progress. Relation of gymnastics and athletics. Planning of a gymnastic curriculum. The regulation of training; of plays, games, and sports; outing and field days. The correlation of gymnastics and of gymnastics with general school work. Planning

of indoor and outdoor gymnasia. Gymnastic summaries.

M. First Term, Summer Quarter; 2:30
MISS MANN

10. **The Organization of Gymnastics.**—Planning of a gymnasium curriculum. The regulation of physical training, and of plays, games, and sports; outings and field days; gymnastic principles applied to school recreation. The correlation of gymnastics and of gymnastics with general school work. Gymnastic summaries. Planning of indoor and outdoor gymnasia. Normal and departmental teachers (second year).

$\frac{1}{2}$ Mj. Mon., Wed., Fri., 8:30

ASSISTANT PROFESSOR KROH

Prerequisite: *Course 7.*

NOTE.—Students enrolling for Courses 2, 4, 5, and 6, include the theoretical work and its application and practice in teaching. *Arts and Technology students must register for the Winter Quarters.*

01. **Hygiene**—(Continued).—A study of the relations of Hygiene (general and special) to Physical Education in general. For all first-year students.

Second Term, Spring Quarter;
Mon., Thurs., 2:00

DR. FREW

DR. NESBIT

CDL. MUSIC

- 1, 2, 3. **Study and Criticism of School Music.**—Songs of Mozart, Schumann, Schubert, Mendelssohn, Brahms, Taubert, Reinecke, and the best masters of the English school. The Folk-song. Songs for kindergarten and school. Unison and part-song. Breathing, voice culture, speech in singing. Attack, intonation. Criticism of instrumental music fitted for schools. Practice in reading; analysis and writing. Methods of teaching. A continuous course covering three Quarters. For first-year students.

1. $\frac{1}{2}$ Mj. Autumn Quarter; Tues. and Fri., 12:00

2. $\frac{1}{2}$ Mj. Winter Quarter; Tues. and Fri., 12:00

3. $\frac{1}{2}$ Mj. Spring Quarter; Tues. and Fri., 12:00

MISS ELEANOR SMITH

This course is open only to students taking training as special teachers of music, or to others who have had considerable training.

7. **Study and Criticism of School Music** (for Special Teachers of Music).—Tone-production. Reading and writing of music. The unison song and the part song. Study of scales and intervals. The piano in the schoolroom. Basis of selection of rhythmic pieces. Song material.

M. First Term, Summer Quarter; 11:30. **331 408**
Continued Second Term. M. 11:30

MISS ELEANOR SMITH
MRS. BRADLEY

- 4, 5, 6. **Music Adapted to Common Schools** (A continuation of Course 1, 2, 3).—A course for supervisors and special music teachers, and open only to those who can satisfy prerequisite demands. For second-year students.

$\frac{1}{2}$ Mj. Autumn, Winter, and Spring Quarters
MISS ELEANOR SMITH

8. **Music in the Kindergarten and Primary School.**—The child's voice. Ear-training. Rhythm. Reading and writing. Writing of melodies. Interpretation. Composition by children of original melodies.

M. First Term, Summer Quarter; 9:00. **331 408**
Repeated Second Term. M. 9:00

MISS ELEANOR SMITH (First Term), and
MRS. BRADLEY (Second Term)

15. **Music for Intermediate Grades.**—Technical work in reading and writing of music. Voice culture. Study of major and minor scale. Song interpretation.

M. First Term, Summer Quarter; 10:30. **331 408**
Repeated Second Term. M. 10:30

MISS ELEANOR SMITH (First Term), and
MRS. BRADLEY (Second Term)

- 08, 09. **Music in Kindergarten and Primary Grades.**—Vocal culture: breathing, song interpretation Kindergarten songs and games. Basis for selection of songs. Ear-training, rhythmic songs and games. Criticism of instrumental music suitable to kindergarten and school. Preparation for note-reading. First steps in reading and writing of notes. Composition of melodies. This course may be taken as $\frac{1}{2}$ Mj. by special arrangement.

0143A. Non-credit. Autumn Quarter; 11:00

0143B. Non-credit. Winter Quarter; 11:00

MISS ELEANOR SMITH

- 011, 012. **Music in Kindergarten and Primary Grades (Second Year).**—Special study of songs for kindergarten and primary grades. Vocal culture. Song-interpretation. Ear-training. Reading, writing. Introduction of part-singing. Methods of teaching. This course may be taken as $\frac{1}{2}$ Mj.

011. Non-credit. Winter Quarter

012. Non-credit. Spring Quarter

MISS ELEANOR SMITH

013, 014. **General Course in Singing.**—Study of scales and intervals. The major, minor, and chromatic scales analyzed and sung. Intervals of these scales. The triads. Triads of the scales. Seventh chords. Songs of the seasons. Unison and part-songs. Reading and writing. Vocal culture. Breathing. Speech in singing. Criticism of school music. Composition of melodies. This course is compulsory for all students of general Course A.

013. Non-credit. Autumn Quarter; 2:00

014. Non-credit. Spring Quarter; 2:00

MISS ELEANOR SMITH

NOTE.—Courses 21, 22, 23, and 24, 25, 26 are for special students or for students who can satisfy the requirements—two years study of piano, two years individual study of singing. These are continuous courses. Students should enter the Autumn Quarter.

21. **History of Music.**—Music of Ancient Nations. Music of early Christian Church. The Folk-song. Rise of Polyphony. Old French school and school of the Netherlands. For first-year students. $\frac{1}{2}$ Mj. 9:30

MISS GERTRUDE SMITH

22. **History of Music.**—Luther and music of the Protestant Church. Early Italian and French opera. Rise of the Oratorio. Development of instrumental music. Epoch of genius in German music: Bach and Händel. For first-year students. $\frac{1}{2}$ Mj

MISS GERTRUDE SMITH

23. **History of Music.**—Epoch of genius in German music; Gluck, Haydn, Mozart, Beethoven. Rise of Romantic school: Schubert, Schumann, Chopin. The opera in the eighteenth and nineteenth centuries. Modern French school. Modern German school: Wagner and Brahms. For first-year students. $\frac{1}{2}$ Mj

MISS GERTRUDE SMITH

24, 25, 26. **Harmony.**—Scales, intervals, triads, and chords. Chord connection: inversion of triads. Chords of the seventh and their inversions. Suspension. Modulation. Harmonization of the choral. Continuous course. For first-year students.

24. $\frac{1}{2}$ Mj. Autumn Quarter; 9:30

25. $\frac{1}{2}$ Mj. Winter Quarter; 9:30

26. $\frac{1}{2}$ Mj. Spring Quarter; 9:30

27. Mj. Summer Quarter;

MISS GERTRUDE SMITH

28, 29, 30. **Theory of Music.**—Analysis of four-part music. Writing of harmonies from dictation. Exercises in the distinguishing of pitch. Harmonizing of melodies at the piano. Composition of songs. Musical form and analysis. For second-year students.

28. $\frac{1}{2}$ Mj. Autumn Quarter; 11:00

29. $\frac{1}{2}$ Mj. Winter Quarter; 11:00

30. $\frac{1}{2}$ Mj. Spring Quarter; 11:00

MISS GERTRUDE SMITH

31. **Piano.**—Private instruction by special arrangement.

Mj. All Quarters

MISS GERTRUDE SMITH

CDII. DRAWING AND PAINTING

Course A.

01. **Design.**

Required; non-credit. Winter Quarter; Wed., 2:00–5:00. First-year students.

MISS CUSHMAN

02. **Elementary Drawing and Painting.**—Theory and practice of expression in Drawing and Painting. Discussion of pedagogy of fine arts in elementary education, with practice in pictorial expression of related subject-matter.

Required; non-credit. Autumn Quarter; Wed., 2:00–5:00. Second-year students.

MISS CUSHMAN

Course B.

2. **Elementary Drawing and Painting.**—This course includes a consideration of the pedagogy of art in elementary education, with a study of landscape, plant and animal forms, and the human figure. It is especially adapted to the needs of grade teachers.

M. First Term; Mon., Tues., Thurs., Fri., 10:30–12:30.

Repeated First Term, 1:30–3:30.

Repeated Second Term; Mon., Tues., Thurs., Fri. Summer Quarter. Bl 404

Mj. Autumn Quarter; Mon., Tues., Thurs., Fri., 11:00–1:00.

MISS CUSHMAN

3. **Continuation of Course 1.**—Greater emphasis will be placed upon composition and design as a means of bringing to consciousness fundamental æsthetic principles.

Mj. Winter Quarter; Mon., Tues., Thurs., Fri., 11:00–1:00.

MISS CUSHMAN

4. **Continuation of Course 3.**—With addition of practice in expression of related subject-matter.

Mj. Spring Quarter; 11:00–1:00

MISS CUSHMAN

NOTE.—Individual adaptations will be made in these courses to suit the needs of any who may wish to follow special lines of work, such as interior decorating, illustrating, etc.; or who may wish to make up prerequisites for admission to other courses.

NOTE.—3, 4, 6, and 7 will not be given during 1906-7.

5. **House Decoration: Design.**—Elementary problems illustrating general principles of design as related to the house. Architecture as basis of structural design. Creative exercises in proportion, dark and light, and color.

Mj. Autumn Quarter; 2:00-4:00

MISS CUSHMAN

6. **House Decoration.**—The application of design to special problems of the interior.

Winter Quarter; 2:00-4:00

MISS CUSHMAN

7. **House Decoration.**—The furnishing of model interiors, with consideration of the relation between aesthetic and economic values.

Prerequisite: 5 and either 6 or Wood-working 6.

Spring Quarter; 2:00-4:00. MISS CUSHMAN

NOTE.—Courses 5, 6, and 7, are arranged especially for students in Department of Household Administration.

8. **Out-of-Door Sketching Class.**—Prerequisite: Course 2, or 1, or equivalent.

M. First Term, Summer Quarter: Mon., Tues., Thurs., Fri., 8:00-10:00. **BI 404**

9. **Theory and Practice of Art Instruction.**—Four hours in Theory. Four hours of practice-teaching. This is one of the two courses in special education required of students in Applied Design. It may be taken either as Junior or Senior college work.

Mj. Autumn Quarter; Mon., Tues., Thurs., Fri., 8:30-9:30. MISS CUSHMAN

[Repeated in Winter and Spring Quarters]

1. **Elementary Design.**—Theory and practice of design as related to education. The subject is considered (a) as to its educational value; (b) in its relation to the curriculum; (c) as to method. The technical work includes creative exercises illustrating the fundamental principles of design, supplemented by study of masterpieces. For students in arts and Technology. Junior or Senior College.

Mj. Autumn Quarter; Mon., Tues., Thurs., Fri., 3:00-5:00.

M. Either Term, Summer Quarter.

MISS CUSHMAN

10. **Historic Ornament.**—History of Ornament (one

Minor). Laboratory work, drawing and painting from historic styles (one Minor). For students in Arts and Technology; Junior or Senior College.

Winter Quarter; 3:00-4:00

11. **Advanced Design.**—Special problems in design as related to the crafts. Pattern-drawing. For students in Arts and Technology; Junior or Senior College.

Mj. Spring Quarter; 3:00-5:00

NOTE.—Courses 10-11 will not be given during 1906-7.

CDIII. TEXTILES

1. **Textiles (General Course).**—Consideration of a course of study for the elementary school and preparation necessary to the teaching of each grade. Study of fibers. Laboratory work in the preparation of fibers, in spinning, dyeing, weaving on hand frames, and basketry. Excursions to museums, shops, and textile factories. Study of textile machinery in its evolution from primitive inventions to the modern loom. Preparation of reading matter for use in the elementary school.

Mj. Summer, Autumn, and Winter Quarter.

MISS MITCHELL

2. **Textiles.**—Weaving of rag rugs, and linen, wool, and cotton fabrics of simple patterns. Basketry. Working out of original designs in cross-stitch, applique, stencil, and block-printing. Industrial excursions. Preparation of reading matter for grammar grades of the elementary school.

Mj. Summer Quarter. **BI 492**

3. **Textiles (Advanced).**—Continuation of Course 2. Individual work in dyeing, weaving, basketry, and the decorative textile processes. Use of carpet loom and Swedish loom. Warping, beaming, drawing-in, and pattern-making. Study of fabrics.

Mj. Summer Quarter. **BI 492**

01. **Textiles.**—Non-credit course. Lectures on the course of study in textiles for the elementary school. Laboratory work in the making of some of the articles required in such a course of study. A limited amount of basketry, spinning, dyeing, and weaving on hand frames. Two industrial excursions. For first-year students.

Spring Quarter; Wed., 2:00-5:00

MISS MITCHELL

10. **The Teaching of Sewing.**—Consideration of the course of study in sewing for the elementary and secondary schools; materials and models fitted to the different school years. Individual laboratory work in the designing, drafting, and making of muslin garments, negligées, and one unlined shirt-waist suit. Lectures on textile fibers and fabrics. Three industrial excursions.
Mj. Summer Quarter. **31 492**
MISS MITCHELL AND MISS PECK
CDIV. PLASTIC ART
1. **Pottery.**—Decoration with ornament in relief. Underglaze decoration—application of simple bright and matt glazes. Mj. All Quarters
MISS RANDOLPH
01. **Pottery.**
Non-credit. Spring Quarter; Mon., Tues., Wed., 8:30-9:30. Second-year students.
MISS HOLLISTER
MISS RANDOLPH
2. **Modeling.**—Elementary modeling of the human figure, in the illustration of story and history and of animals and plant life in relief and in the round. Casting in plaster. Modeled pottery in simple forms, decorated with modeled ornament, with underglaze painting, and simple glazes. Mj. Spring Quarter: 8:30-10:30
MISS HOLLISTER
MISS RANDOLPH
CDV. WOOD-WORKING
1. **Course in Wood-work.**—This course is designed to give a fair degree of skill in the use of wood-working tools and an acquaintance with the aims and principles of manual training. It will include constructive design and decoration, and mechanical and freehand drawing in their application to manual training. This is a general course covering in briefer form the work outlined in Course 4.
 $\frac{1}{2}$ Mj. Autumn, Winter, and Spring Quarters; Mj. Summer Quarter. MISS BUTLER
2. **Special Course in Wood-working.**—This course is designed for those who plan to teach or supervise manual training.
Mj. All Quarters; 8:30-10:30
MISS LANGLEY
5. **Course in Wood-working for Teachers in Primary Grades.**—Suggestions for wood-work in primary grades; outlines for work that may be given with small equipment or in grade-rooms.
Mj. Summer Quarter; 8:00-10:00
MISS BUTLER
3. **History of Furniture.**—Eight hours a week. Six hours in the workroom and two hours in recitation. The subject to be taken up in the classroom is French and English furniture from the period of Louis XIII to the end of the Georgian period. There will be discussion also of such topics as the following: Kinds of wood appropriate for various uses; preservation and treatment of wood in floors, interior wood-work, and furniture; principles of construction in furniture, with emphasis on simplicity, proportion, beauty of line, and adaptation to environment. Especially designed to be taken in connection with Courses Home Economics 8 and Design, but is open to other students.
Mj. Winter Quarter; 8:30-10:30
MISS LANGLEY
21. **Freehand Drawing.**—In pencil: Freehand construction; freehand perspective; groups of solids. In pastel: groups of solids.
Autumn Quarter
MR. WILLIAMS
22. **Constructive Drawing.**—Geometric construction; conservative projection; isometric projection; cabinet projection.
Winter and Spring Quarters
MR. FERGUSON
23. **Joinery.**—Prerequisite to all other courses in wood-work.
Autumn Quarter
MR. SELDEN
24. **Turning.**—Turning, finishing, and polishing in the lathe; chucking and face-plate work. Some articles for actual use will be made.
Winter Quarter
MR. SELDEN
25. **Pattern-Making.**—Courses 23 and 24 are prerequisite. This course will develop the relation of pattern-making to foundry and machine-shop practice. Different ways of making the same pattern will be considered in order to show the best methods of parting, drawing, and setting core prints.
Spring Quarter
MR. SELDEN
26. **Cabinet-Making.**—Courses 23 and 24 or their equivalent are prerequisite. An article of furniture of the Mission of Arts and Crafts style may be made, if desired. In any case the different varieties of material, construction, and finish will be given.
Spring Quarter
MR. SELDEN

27. **Molding and Casting.**—Molding from wood, iron, and plaster paris patterns; casting in white metal, aluminum, brass, bronze, and iron; core-making, baking, and setting; art work, including the molding and casting of plaques and other articles of interior decoration.

Autumn Quarter
MR. CROSS

28. **Work in Wrought Iron and Mild Steel.**—The making of various useful articles which will teach all the fundamental principles of the subject. Various kinds of welds in iron and steel.

Winter Quarter
MR. CROSS

29. **Work in Tool Steel.**—Course 28 is prerequisite. Various steel tools, including flat and cape chisels, lathe and planer tools, will be forged and tempered; also blacksmith's tools, including hot and cold chisels, fullers, flatters, set hammers, swages, and other tools.

Spring Quarter
MR. CROSS

30. **Chipping, Filing, Scraping, and Fitting.**

Autumn Quarter
MR. AVERY

31. **Machine Work.**—Practice work to cover the fundamental principles involved in machine construction; turning, chucking, screw-cutting, boring, reaming, drilling, tapping, milling, and gear-cutting.

Winter and Spring Quarters; 8:00-12:00
MR. AVERY

CDVI. METAL-WORKING

1. **Metal-Working: Industrial Development (Elementary).**—A course in shaping and decorating simple forms in sheet-metal, suitable for elementary schools. A study of early processes of primitive peoples and the logical development of

the metal industry will be made, with the fundamental and necessary steps involved from the first crude operations to the more complex. The social and artistic impulses of prehistoric people will be considered in connection with a handicraft having an intimate place in their daily life. Applied Design and Primitive History should be taken as parallel courses.

Mj. 10:30-12:30. **MCB**
MISS VAN HOESSEN

2. **Metal-Working: Art Expression through Metal (Advanced).**—Instruction in hammered or wrought sheet-metal, of brass and copper, in forming objects of social use, special thought being given to the artistic side of decoration and construction. The application of design in chased, engraved, and etched effects, used to express beauty through the metal medium included in the course; also metal applied as a decorative feature to wood-work. Applied Design should be taken as a parallel course.

Mj. 1:30-3:30. **MCB**
MISS VAN HOESSEN

CDVII. LIBRARY AND MUSEUM

1. **The Economic Use of Books and Libraries.**—This course is planned to develop the library and museum facilities in this institution and to familiarize them with the general reference books, which will be of constant use to them throughout a course of study such as is given in the School of Education. The making of books and the principles of classification and cataloguing will be presented. The general reference books, dictionaries, atlases, cyclopedias, handbooks, bibliographies, and reading-lists will be examined and compared.

M. Second Term, Summer Quarter; 2:30. **BI 204**
First Term, Autumn Quarter.

MISS WARREN

COURSES IN OTHER COLLEGES OF THE UNIVERSITY, SPECIALLY DESIGNED FOR TEACHERS*

PHILOSOPHY

- 4B. **Genetic Logic: Theory of Knowledge.**

M. First Term, Summer Quarter; 9:00 Tues.,
Wed., Thurs., Fri. PROFESSOR BALDWIN

LATIN

38. **Teachers' General Training Course, I.**

Mj. Summer Quarter; 8:00
PROFESSOR HALE

*Detailed description of these courses may be found in the *Bulletin of Information* of the Colleges and Graduate Schools.

39. Teachers' General Training Course, II.
Spring Quarter; 9:30
(Instructor to be announced)

- 40, 41. Teachers' Training Course.
Autumn and Winter Quarters; 8:30
Mr. _____* AND PROFESSOR HALE

ROMANCE

9. Elementary Training Course in French.
M. Summer Quarter
Mr. DAVID

ENGLISH

- 1b. Rhetoric and English Composition (Introductory
College Course). For teachers.
M. First Term; 8:00

7. Rhetoric and Composition for Teachers.—(1) The
writing and the criticism of themes, with a
study of the principles of structure; (2) a study
of textbooks and methods of teaching English
composition in secondary schools. Students in
this course should have had experience in teach-
ing English composition.

M. First Term, Summer Quarter; 9:00

80. English Literature for Teachers.
M. First Term, Summer Quarter; 9:00

- 3A. English Composition (General Course).
Mj. 10:30

4. English Composition.
Mj. 11:30

21. Old English (Elementary Course).
Mj. 1:30

28. Chaucer: The Canterbury Tales.
Mj

LITERATURE IN ENGLISH

- 40B. The New Study of Literature.
M. First Term, Summer Quarter; 10:30
PROFESSOR MOULTON

120. Literary Study and Teaching of the (English)
Bible.

M. First Term, Summer Quarter; 9:00
PROFESSOR MOULTON

GERMAN

- XIV, 100. The Teaching of Modern Languages: A
Study of Methods.

Mj. Autumn Quarter; 9:30
ASSISTANT PROFESSOR KEEN

WINTER QUARTER, 1907

GERMAN

- XIV, 81. History of the German Language.
Mj. Winter Quarter; 9:30

SPRING QUARTER, 1907.

GERMAN

- XIV, 60. The Classical Period of German Literature.
Open to Graduate students.
Mj. Spring Quarter; 9:30
DR. VON NOÉ

LITERATURE IN ENGLISH

40. Foundation Principles of the Study of Literature.
Mj. Spring Quarter; 9:30
PROFESSOR MOULTON

PUBLIC SPEAKING

11. The Teaching of Reading.
Mj. Spring Quarter; 3:00
ASSOCIATE PROFESSOR CLARK

PHYSIOLOGY

- 1, 2. Introductory Physiology.
DR. WOHLFEL
MR. WILSON

*Name of the instructor to be announced later. Professor Hale will be on leave of absence for special work from September, 1906, to October, 1907.

THE UNIVERSITY EXTENSION DIVISION

I. THE LECTURE-STUDY DEPARTMENT

NOTE 1.—The lecturers whose names are printed in *italics* will lecture only to centers in Chicago and immediate vicinity. Those whose names are printed in **SMALL CAPITALS** will take an occasional engagement away from Chicago, but are not free for circuit work. Those whose names are in **CAPITALS** are free to lecture on circuit.

NOTE 2.—All courses announced in the Lecture-Study Department include a series of six lectures unless otherwise stated.

I. PHILOSOPHY

NATHANIEL BUTLER, A.M., D.D., LL.D., Professor of Education.

Topics in Elementary and Secondary Education.

KATHERINE ELIZABETH DOPP, Ph.D., Lecturer in Education.

The Evolution of Industrial and Social Institutions.—(Six lectures, illustrated with lantern slides, on the fundamental motives and means involved.)

III. POLITICAL SCIENCE

TOYOKICHI IYENAGA, Ph.D., Professorial Lecturer in Political Science.

Progress and Problems of the Far East.

Japan; Her People, History, and Institutions.

ARTHUR EUGENE BESTOR, A.B., Lecturer in Political Science.

The American Republic.

Studies in American Diplomacy.

IV. HISTORY

BENJAMIN TERRY, Ph.D., LL.D., Professor of Medieval and English History.

The Interpretation of History.

Baron and King—the Evolution of a Typical European Monarchy (twelve lectures.)

The Growth of the English Constitution.

The History of England in the Nineteenth Century.

EDWIN E. SPARKS, Ph.D., Professor of American History.

The Men Who Made the Nation (Part I, illustrating the period 1763–1800).

The Men Who Made the Nation (Part II, illustrating the period 1800–1860).

NOTE.—If desired, lantern slides illustrating historic persons and places, facsimiles, etc., can be used in certain class meetings of the two courses above.

Plain Talks on American History.

NOTE.—This course is intended to follow the two courses named above, and cannot be given in any other order. Lantern slides will be used in certain of these lectures if desired.

The Old Northwest Territory.

The First Lady in the Land.

NOTE.—This course is designed especially for women's clubs.

V. HISTORY OF ART

W. M. R. FRENCH, A.B., Lecturer in Art, and Director of the Art Institute in Chicago.

The Qualities upon Which the Merits of a Work of Art Depend.

NOTE.—Illustrated with sketches in black-and-white and colors and stereopticon views.

FRANKLIN JOHNSON, D.D., LL.D., Professor of Church History.

The Florentine School of Painting.

Italian Schools of Painting Other than the Florentine (illustrated).

Christian Architecture (illustrated).

NOTE.—Each of the above courses is profusely illustrated with stereopticon views.

GEORGE BREED ZUG, A.B., Instructor in Art.

Historic Periods of Mural Decoration (illustrated).

Renaissance and Modern Painting (illustrated).

VI. SOCIOLOGY AND ANTHROPOLOGY

CHARLES ZUEBLIN, Ph.B., D.B., Professor of Sociology.

The Elements and Structure of Society (Six or twelve lectures).

Art and Life.

NOTE.—By special arrangement this course may be illustrated.

Work and Wealth.

The Twentieth-Century City.

American Municipal Progress (illustrated.)

The Science and Art of City Making (illustrated).

GRAHAM TAYLOR, D.D., Professorial Lecturer in Sociology.

Human Partnerships: Their Personal and Social Function.

The Ethics of Industry.
Studies in Social Biography.
Social Tendencies of Modern Industrialism.
Philanthropic and Social Service.

JEROME H. RAYMOND, Ph.D., Associate Professor of Sociology.

European Capitals and Their Social Significance
 (Part I, illustrated).

European Capitals and Their Social Significance
 (Part II, illustrated).

NOTE.—An exceptionally fine collection of stereopticon views is used in illustrating these two courses on European Capitals.

IRA W. HOWERTH, Ph.D., Assistant Professor of Sociology.

Work and Life.
Social Welfare.
Social Life and Education.
Elements of Sociology.

George A. Dorsey, Ph.D., Assistant Professor of Anthropology.

Native Tribes of North America (six or twelve illustrated lectures).

EDWARD A. STEINER, Lecturer in Slavic History, and Professor of Applied Christianity, Iowa College.

The Slavic World.

NOTE.—In making engagements for Professor Steiner, Grinnell, Iowa, is reckoned as the center of the zone.

JANE ADDAMS, A.B., Lecturer in Sociology.

Methods of Social Progress.

XIII. ROMANCE LANGUAGES AND LITERATURES

GEORGE CARTER HOWLAND, A.M., Assistant Professor of Italian Philology.

Dante (illustrated).

Studies in the Italian Literature of the Nineteenth Century.

XV. THE ENGLISH LANGUAGE AND LITERATURE

WILLIAM D. MACCLINTOCK, A.M., Professor of English Literature.

The Comic Spirit.
Henrik Isben and His Dramas.

NATHANIEL BUTLER, A.M., D.D., Professor of Education.

Studies in English Literature (Part I).
Studies in English Literature (Part II).
Studies in American Literature.

RICHARD BURTON, Ph.D., Professorial Lecturer in English Literature.

The Modern Novel.
The English Drama.
American Literature.
Modern Masters of Literature.
Dickens.

NOTE.—Available for six weeks only, beginning November 12, 1906.

ALBERT HARRIS TOLMAN, Ph.D., Assistant Professor of English Literature.

Folk-Poetry: Ballads and Epics.
Shakespearean Tragedy: A Course of Lecture Readings.
Talks on English Grammar.

S. H. CLARK, Ph.B., Associate Professor of Public Speaking.

Poetry as a Fine Art.
The Spiritual Element in Tragedy (Part I).
The Spiritual Element in Tragedy (Part II).

J. G. CARTER TROOP, A.M., Associate Professor of English Literature.

Great Novelists of the Nineteenth Century
 (twelve lectures).

NOTE.—Any six of these lectures may be chosen to form a short course of lecture studies. The introductory lecture is reserved for the afternoon study-class.

Great Essayists of the Nineteenth Century
 (twelve lectures).

NOTE.—Any six of these lectures may be chosen to form a short course of lecture studies. The introductory lecture is reserved for the afternoon class.

Shakespeare: Studies in the Greater Comedies and Tragedies (twelve lectures).

NOTE.—Any six of these lectures may be chosen to form a short course of lecture studies. The introductory lecture is reserved for the afternoon class.

American Literature: The Renaissance of New England.

NOTE.—This course of lecture studies deals with that period of the new intellectual life, or Renaissance, of New England, which roughly corresponds to the first half of the Victorian era.

Masterpieces in Comedy: Studies in the Comic Muse (seven lectures).

NOTE.—Any six of these lectures may be chosen to form a short course of lecture studies.

JAMES WEBER LINN, A.B., Instructor in English.

The History of the English Novel.
Glimpses of Nineteenth-Century Fiction.

PERCY HOLMES BOYNTON, A.M., Instructor in English.

Arthurian Knights.
American Life in American Letters.

JENKIN LLOYD JONES, Lecturer in Literature.

The Earlier Prophets of English Literature.
Prophets of Modern Literature.

Interpretative Readings.—NOTE: A series of six or twelve readings from modern poets.

HORACE SPENCER FISKE, A.M., Lecturer in English Literature.

Thought and Imagination in Shakspeare (First Series).

Thought and Imagination in Shakspeare (Second Series).

Modern English Poetry.
American Literature.
English Romantic Poetry.

XVI. GENERAL LITERATURE

RICHARD G. MOULTON, PH.D., Professor of Literary Theory and Interpretation, and Head of the Department of General Literature.

The New Study of Literature.
Literary Criticism and Theory of Interpretation.
The Tragedies of Shakespeare (First Series).
The Tragedies of Shakespeare (Second Series).
Shakespeare's "Tempest" with Companion Studies.

William Morris as the English Homer.

Spenser's Legend of Temperance.

Studies in Milton's "Paradise Lost."

Stories as a Mode of Thinking.

Ancient Tragedy for English Audiences (*A Series of twelve Recitals and Lectures Alternately*).

NOTE.—Accompanied with a book of illustrations.

Ancient Tragedy for English Audiences (*A Six-Lecture Course*).

Ancient Comedy for English Audiences.

NOTE.—Accompanied with a book of illustrations.

Masterpieces of Biblical Literature.

NOTE.—This course should be accompanied with a book of illustrations of the same title in the "Modern Reader's Bible" series.

Literary Reading as a Means of Biblical Study.
Wisdom Literature; or, The Philosophy of the Bible.

Biblical Lyrics.

Biblical Literature of Prophecy.

NATHANIEL I. RUBINKAM, PH.D., Lecturer in General Literature.

Shakespeare's Roman Historical Dramas and Italian Dramas.

Shakespeare's English Historical Dramas (Part I).

Shakespeare's English Historical Dramas (Part II).

Shakespeare's Use of the Supernatural.

Goethe's "Faust."

The Music-Dramas of Richard Wagner (twelve lectures).

NOTE.—Any six of these lectures may be chosen to form a short course. The purpose of this course of lectures is the interpretation of these dramas with special reference to Wagner's intellectual development, to the psychological background and world view on which his art rests, and the thought-movements of the age in which his creations were produced.

A full musical accompaniment by a competent artist for which a special fee is charged is provided for this course of lectures.

Robert Browning's Dramas.

Masterpieces of World-Drama.

The Development of the Literature of the Old Testament.

WILLIAM NORMAN GUTHRIE, B.Litt., A.M. Lecturer in General Literature.

Studies in Comic Literature.

Poetry and Life.

Contemporary Poetic Drama.

Literature as a Factor in Social Evolution.

Shakespeare's Tragedies.

NOTE.—Mr. Guthrie is available for lectures in Chicago and vicinity during six weeks only, beginning January 1, 1907.

LEWIS N. CHASE, PH.D., Lecturer in General Literature.

Great Novels of the Nineteenth Century.

Shakespeare: Interpretative Readings.

Studies in Personality.

Lyric Poetry.

NOTE.—In making engagements for Dr. Chase, Bloomington, Ind., is reckoned as the center of the zone.

DAVID BEATON, A.M., Lecturer in General Literature.

Scotland in Song and Story.

The Spiritual Interpretation of Life as Illustrated by Modern Poetry and Criticism.

The Life of Jesus the Christ.

XVIII. ASTRONOMY

F. R. MOULTON, PH.D., F.R.A.S., Assistant Professor of Astronomy.

Other Worlds than Ours (illustrated).

NOTE.—These lectures will be fully illustrated with stereopticon slides made from photographs taken at all the great observatories.

XXI. GEOLOGY

WALLACE W. ATWOOD, PH.D., Instructor in Physiography and General Geology.

Physiography of the Land (Part I, illustrated).

Physiography of the Land (Part II, illustrated).

Physiography of the United States.

NOTE.—Each of the above courses is illustrated with lantern slides, and by chalk-modeling where good blackboards are available. Field excursions from the lecture center may be arranged for if desired.

Scenic Features of North America from the Physiographic Point of View (illustrated).

NOTE.—Illustrated with lantern slides, and by chalk-modeling when good blackboards are available.

XXIA. GEOGRAPHY

J. PAUL GOODE, PH.D., Assistant Professor of Geography.

Our Natural Resources: Their Economic Significance (Part I, illustrated).

Our Natural Resources: Their Economic Significance (Part II, illustrated).

NOTE.—Each lecture of the above courses is illustrated with a fine collection of hand-colored stereopticon views.

XXII. ZOÖLOGY

REUBEN MYRON STRONG, PH.D., Associate in Zoölogy.

Birds (a course of six illustrated lectures).

The Theory of Evolution.

XXVII. BOTANY

HENRY CHANDLER COWLES, PH.D., Instructor in Ecology.

Plants in their Environment (illustrated).

XXVIII. PATHOLOGY AND BACTERIOLOGY

NORMAN MACLEOD HARRIS, M.B., Instructor in Bacteriology.

Bacteria and Facts Concerning Them (illustrated).

XLI. OLD TESTAMENT LITERATURE AND INTERPRETATION

RICHARD G. MOULTON, PH.D., Professor of General Literature.

Studies in Biblical Literature.—(See courses announced in the Department of General Literature.)

IRA M. PRICE, PH.D., Professor of the Semitic Languages and Literatures.

What the Monuments Tell Us Relative to the Old Testament (illustrated).

NOTE.—This course will be fully illustrated by stereopticon slides of the monuments.

The Forgotten Empires and the Old Testament (illustrated).

THEODORE G. SOARES, PH.D., Professor of Homiletics.

Literary Studies in Old Testament Masterpieces.

Literary Studies in Biblical Masterpieces.

From Malachi to Matthew.

Studies in the Psalms.

HERBERT L. WILLETT, PH.D., Assistant Professor of the Semitic Languages and Literatures.

Studies in Early Old Testament History.

Studies in the History of Prophecy.

Studies in the Wisdom Literature.

Studies in the Psalms.

Israel and Judah.

Book Studies in the Old Testament.

Biblical Apocalypses.

The Master Writers of the Bible.

EDWARD A. STEINER, Professor of Applied Christianity, Iowa College.

Old Prophets and New Problems.

NOTE.—In making engagements for Professor Steiner, Grinnell, Ia., is reckoned as the center of the zone.

CHARLES A. YOUNG, PH.B., Lecturer in Biblical Literature and History.

Old Testament Character Studies.

Book Studies in the Old Testament.

Studies in Prophetic Literature.

The Literature of the Bible.

XLII. NEW TESTAMENT LITERATURE AND INTERPRETATION

SHAILER MATHEWS, A.M., D.D., Professor of Systematic Theology.

The History of New Testament Times in Palestine.

Social Interpretations of Christianity in Contemporary Fiction.

Social Teachings of Jesus.

The Social Teachings of the Apostles.

THEODORE G. SOARES, PH.D., D.D., Professor of Homiletics.

The Life and Teachings of Christ.

Studies in the Life of Paul.

HERBERT L. WILLETT, PH.D., Assistant Professor of the Semitic Languages and Literatures.

Studies in the Life of Christ.

The Life and Work of the Apostle Paul.

The Beginnings of Christianity.

Book Studies in the New Testament.

Journeys in the Holy Land.

JAMES SAMUEL KIRTLEY, A.B., D.D., Lecturer in Biblical Literature.

The Life of Christ.

XLV. CHURCH HISTORY

Willard Brown Thorp, A.B., D.B., Lecturer in Church History.

Character Studies of Representative Men (Part I).
Period of the Reformation.

Character Studies of Representative Men (Part II).
The Puritan Period in England.

NOTE.—These lectures are not theological, but rather discussions of the great personalities influencing so largely the religious and political movements of the time. If desired,

courses can be arranged covering the period preceding the Reformation.

MUSIC

LESTER BARTLETT JONES, A.B., Director of Music.

The Elements of Song: Their Growth and Use.
Music and Worship.

NOTE.—Each lecture of the above courses is illustrated with a full musical programme.

GLENN DILLARD GUNN, Lecturer in Music.

What Music Means to the Musician.

Great Composers: Their Musical Personalities.

NOTE.—Each of Mr. Gunn's courses is a series of lecture recitals. Each lecture is illustrated on the piano with a choice selection of the productions of the composers studied.

II. THE CORRESPONDENCE-STUDY DEPARTMENT

I. PHILOSOPHY

1. Elementary Psychology. Mj
DR. WATSON
2. Advanced Psychology. Mj
DR. MACMILLAN
3. Psychology of Religion. M
DR. AMES
4. Ethics. Mj
ASSOCIATE PROFESSOR MOORE AND DR. ASHLEY
5. Logic. Mj
DR. ASHLEY
6. Greek and Mediæval Philosophy. Mj
PROFESSOR TUFTS
7. Modern Philosophy. Mj
PROFESSOR TUFTS
8. Introduction to Kant (informal). Mj
PROFESSOR TUFTS
9. Movements of Thought in the Nineteenth Century. Mj
PROFESSOR TUFTS
10. Educational Psychology. Mj
ASSOCIATE PROFESSOR MOORE AND DR. ASHLEY
11. The History of Education. Mj
DR. DOPP
12. A Comparative Study of the School Systems of Germany, England, and the United States. Mj
PROFESSOR BUTLER
- *13. Problems in Secondary Education. Mj
PROFESSOR BUTLER
14. Elementary School Methods. Mj
DR. DOPP

15. Social Occupations in Elementary Education Mj
DR. DOPP
16. General Course in Child-Study. Mj
DR. MACMILLAN

SCHOOL OF EDUCATION

17. Froebel's Educational Ideals. Mj
MISS PAYNE.
18. The Training of Children (for Mothers) Mj
MRS. PUTNAM

II. POLITICAL ECONOMY

1. Principles of Political Economy. 3 M
ASSISTANT PROFESSOR CUMMINGS
 2. Banking. M
A. *Theory and History of Banking.* M
*B. *Practical Banking.* Mj
MR. MORRIS
 3. Principles of Commercial Law. Mj
MR. MORRIS
 - †4. Outlines of Public Finance. Mj
ASSISTANT PROFESSOR CUMMINGS
 5. Tariffs, Reciprocity, and Shipping (informal). Mj
ASSISTANT PROFESSOR CUMMINGS
 - †6. The Labor Movement (informal). Mj
ASSISTANT PROFESSOR CUMMINGS
 7. Socialism (informal). Mj
ASSISTANT PROFESSOR HOWERTH
- ### III. POLITICAL SCIENCE
1. Civil Government in the United States. Mj
ASSISTANT PROFESSOR MERRIAM

* Registrations accepted after October 1, 1906.

† Not given during 1906-7.

2. Political Parties. Mj
ASSISTANT PROFESSOR MERRIAM
3. Comparative Politics.
A. *Comparative National Government.* Mj
*B. *State Governments in the United States.* Mj
C. *Municipal Government.* Mj
ASSISTANT PROFESSOR MERRIAM
4. Elements of International Law. Mj
MR. HATTON
- IV. HISTORY
ACADEMY
1. History of Antiquity to the Death of Constantine (337 A. D.). Mj
A. *Oriental and Greek History to 146 B. C.* Mj
B. *Roman History to 337 A. D.* Mj
MISS KNOX
- COLLEGE
2. History of Antiquity to the Fall of the Persian Empire. Mj
MISS KNOX
3. History of Greece to the Death of Alexander. Mj
MISS KNOX
4. History of England to the Accession of the Tudors. Mj
MISS KNOX
5. England from Henry VII to the Present Time. Mj
MISS KNOX
6. Outline History of Mediæval Europe (350-1500). Mj
MISS KNOX
7. Outline History of Modern Europe (1517-1825). Mj
MISS KNOX
8. Europe from 1517 to 1648. Mj
MISS KNOX
9. The French Revolution and the Era of Napoleon. Mj
ASSISTANT PROFESSOR THOMPSON
10. Europe in the Nineteenth Century (1815-1900). Mj
DR. WARREN
11. Outline History of Civilization. DMj
DR. WERGELAND
12. Chief Features of the Progress of Civilization in the Nineteenth Century. Mj
DR. WERGELAND
13. Outline History of the United States from Colonization to the Present Time. Mj
MISS KNOX
14. Colonial Period (1492-1763).
A. *Discovery and Colonization.* M
B. *Colonial Institutions and History* M
DR. WARREN
15. The Formation of the Nation (1763-1789).
A. *The American Revolution (1763-1783)* M
B. *Confederation and the Constitution (1783-1789).* M
DR. WARREN
16. The Growth of the Nation (1789-1861).
A. *Foreign Politics and National Expansion (1789-1829).* M
B. *The Strife of Sections (1829-1861).* M
DR. WARREN
17. Consolidation and Expansion (1861-1904).
A. *Civil War and Reconstruction.* M
B. *Political and Economic Centralization. The Nation as a World Power.* M
DR. WARREN
18. Social Life in American Colonies. M
ASSOCIATE PROFESSOR SHEPARDSON
19. Problems of the Civil War and the Reconstruction Period. Mj
ASSOCIATE PROFESSOR SHEPARDSON
20. The Reconstruction of the Federal Union (1863-1875). Mj
PROFESSOR SPARKS
21. History for Primary Grades. Mj
ASSOCIATE PROFESSOR RICE
22. Teachers' Course in American History. Mj
ASSOCIATE PROFESSOR RICE
- VI. SOCIOLOGY AND ANTHROPOLOGY
1. Introduction to Sociology. Mj
DR. MACLEAN
2. Introduction to the Study of Society. Mj
DR. MACLEAN
3. Elements of Industrial History. Mj
DR. MACLEAN
4. Social Debtor Classes. Mj
DR. MACLEAN
5. A Study of Charities and Corrections. Mj
PROFESSOR HENDERSON
6. The Family. Mj
PROFESSOR HENDERSON

* Not given during 1906-7.

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|--------------------------------------------------------------------------------|-----------------------------------------------------------------|
| 7. The Structure of Society (informal). Mj
PROFESSOR ZUEBLIN | 5. Elementary Arabic. Mj
DR. J. M. P. SMITH |
| 8. Contemporary American Society (informal). Mj
PROFESSOR VINCENT | 6. Elementary Assyrian. M
PROFESSOR BERRY |
| 9. Urban Life in the United States (informal). Mj
PROFESSOR VINCENT | 7. Intermediate Assyrian. M
PROFESSOR BERRY |
| 10. General Anthropology. Mj
ASSOCIATE PROFESSOR STARR | 8. Elementary Egyptian. Mj
PROFESSOR BREASTED |
| 11. Origin of Social Institutions (informal). Mj
ASSOCIATE PROFESSOR THOMAS | 9. Outline of Hebrew History. Mj
DR. J. M. P. SMITH |
| 12. Primitive Social Control (informal). Mj
ASSOCIATE PROFESSOR THOMAS | 10. An Introduction to the Old Testament. Mj
PROFESSOR PRICE |
- VI A. HOUSEHOLD ADMINISTRATION
- | | |
|--------------------------------------------------------|------------------------------------------------------|
| 1. House Sanitation. Mj
PROFESSOR TALBOT | 11. Old Testament Prophecy. Mj
DR. J. M. P. SMITH |
| 2. Foods and Dietaries. Mj
PROFESSOR TALBOT | 12. Old Testament Worship. Mj
DR. J. M. P. SMITH |
| 3. Administration of the House. Mj
PROFESSOR TALBOT | †13. Isaiah and His Times. Mj
MR. MODE |
- IX. BIBLICAL AND PATRISTIC GREEK
AND
XLII. NEW TESTAMENT LITERATURE AND INTERPRETATION
- | | |
|---------------------------------------------------------------------|-------------------------------------------------------------------|
| 4. The Organization of the Retail Market. Mj
MISS BROOKINRIDGE | 1. Elementary New Testament Greek. Mj
DR. BAILEY |
| *5. The Consumption of Wealth. Mj
MISS BROOKINRIDGE | 2. Intermediate New Testament Greek. Mj
DR. BAILEY |
| †6. The State in Relation to the Household. Mj
MISS BROOKINRIDGE | 3. Advanced New Testament Greek. Mj
ASSISTANT PROFESSOR VOTAW |
| 7. The Teaching of Home Economics. Mj
ASSISTANT PROFESSOR NORTON | 4. Introduction to New Testament History. Mj
PROFESSOR MATHEWS |
- VII. COMPARATIVE RELIGION
- | | |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Introduction to the History of Religion. Mj
DR. CONARD | 5. Introduction to the Books of the New Testament.
A. <i>Life of the Apostle Paul, and Introduction to the Pauline Epistles.</i> Mj
B. <i>Introduction to the Gospel, Acts, and General Epistles.</i> Mj
PROFESSOR BURTON AND DR. BAILEY |
| 2. The Religion of Uncivilized Peoples. Mj
DR. CONARD | 6. The Gospel of John. M
DR. BAILEY |
| 3. Comparative Theology: The Idea of God. Mj
DR. CONARD | 7. Constructive Studies in the Life of Christ. Mj
DR. BAILEY |
- VIII. THE SEMITIC LANGUAGES AND LITERATURES
AND
XLI. OLD TESTAMENT LITERATURE AND INTERPRETATION
- | | |
|------------------------------------------------------------|--------------------------------------------------------------------------|
| 1. Elementary Hebrew. Mj
DR. J. M. P. SMITH | 8. Life of Christ in Connection with the Gospel of Luke. M
DR. BAILEY |
| 2. Intermediate Hebrew. Mj
DR. J. M. P. SMITH | 9. Research Course in the Life of Christ. M
ASSISTANT PROFESSOR VOTAW |
| 3. Exodus and Hebrew Grammar. Mj
DR. J. M. P. SMITH | 10. Social Teachings of Jesus. Mj
PROFESSOR MATHEWS |
| 4. Haggai, Zechariah, and Malachi. M
DR. J. M. P. SMITH | |

* Registrations accepted after October 1, 1906.

† Registrations accepted after April 1, 1907.

‡ Registration accepted after January 1, 1907.

11. The Messianic Hope in the New Testament. Mj
PROFESSOR MATHEWS
12. History of the Apostolic Church based on Acts. M
DR. BAILEY
13. Quotations from the Old Testament in the Gospels. M
PROFESSOR BURTON AND DR. BAILEY
- X. SANSKRIT AND INDO-EUROPEAN COMPARATIVE PHILOLOGY
1. Elementary Sanskrit. Mj
PROFESSOR BUCK AND DR. MEYER
- *2. Elementary Russian, A and B. DMj
MR. HARPER
- XI. THE GREEK LANGUAGE AND LITERATURE
- ACADEMY
1. Elementary Greek, A and B. DMj
ASSISTANT PROFESSOR BRONSON
2. Xenophon: "Anabasis," A and B. DMj
ASSISTANT PROFESSOR BRONSON
3. Homer: "Iliad," A and B. DMj
MR. JOHNSTON
- COLLEGE
4. Plato: "Apology" and "Crito." Mj
PROFESSOR MISENER
5. Homer: "Odyssey." BOOKS V-XIII. Mj
PROFESSOR MISENER
6. Herodotus: "Historiae." BOOKS VI AND VII. Mj
MR. BEESON AND MRS. BEESON
7. Advanced Prose Composition. Mj
DR. BONNER
8. Demosthenes: "Philippica," and Lysias. Mj
MR. BEESON AND MRS. BEESON
9. Demosthenes: "De Corona." Mj
MR. BEESON AND MRS. BEESON
10. Introduction to the Greek Drama. Mj
PROFESSOR MISENER
- XII. THE LATIN LANGUAGE AND LITERATURE
- ACADEMY
1. Elementary Latin. DMj
MISS PELLETT
2. Caesar: "De Bello Gallico," A, B, and C. 2½ Mj
MISS PELLETT
3. Viri Romae. M
MISS PELLETT
4. Nepos. M
MISS PELLETT
5. Cicero: "Orationes," A and B. DMj
MISS PELLETT
6. Virgil: "Æneid," A and B. DMj
MISS PELLETT
7. Selections from Roman Writers. Mj
MISS PELLETT
8. Prose Composition Based on Caesar. M
MISS PELLETT
9. Prose Composition Based on Cicero. M
MISS PELLETT
- COLLEGE
10. Cicero: "De Senectute." M
MISS PELLETT
11. Terence: "Phormio." M
MR. BEESON AND MRS. BEESON
12. Livy. Mj
MR. BEESON AND MRS. BEESON
13. Horace: "Odes," Books I-III. Mj
ASSOCIATE PROFESSOR MILLER
14. Advanced Prose Composition. Mj
DR. BONNER
15. Tacitus: "Agricola" and "Germania." Mj
PROFESSOR CHARLES CHANDLER
16. Ovid. Mj
ASSOCIATE PROFESSOR MILLER
17. Cicero: "Epistulae." Mj
PROFESSOR CHARLES CHANDLER
18. Horace: "Satires" and "Epistles." Mj
ASSOCIATE PROFESSOR MILLER
19. Horace and Persius: "Satires." Mj
ASSOCIATE PROFESSOR MILLER
20. Topical Studies in the Works of Virgil. Mj
ASSOCIATE PROFESSOR MILLER
21. Roman Belief with Reference to the Soul and the Life after Death. Mj
ASSOCIATE PROFESSOR MILLER
22. The Latin Subjunctive. Mj
MISS PELLETT
23. Training Course for Teachers. Mj
ASSOCIATE PROFESSOR MILLER
- XIII. ROMANCE LANGUAGES AND LITERATURES
1. Elementary French, A and B. DMj
DR. NEFF
2. Intermediate French. Mj
DR. NEFF

* Registrations accepted after October 1, 1906.

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|------------------------------------------------------------------|-----|------------------------------------------------------------------|-----|
| 3. Advanced French. | Mj | 10. Outline Study of German Literature. A and B. | Mj |
| MR. DAVID AND MR. BABCOCK | | DR. VON KLENZE | |
| 4. French Reading, A and B. | DMj | 11. Goethe's Lyric Poetry as an Exponent of His Life. | Mj |
| MR. DAVID AND MR. BABCOCK | | DR. VON KLENZE | |
| 5. Advanced French Reading, A and B. | DMj | 12. Gothic. | Mj |
| MR. DAVID AND MR. BABCOCK | | ASSISTANT PROFESSOR WOOD | |
| 6. Molière and the French Comedy in the 17th and 18th Centuries. | Mj | 13. Old High German. | Mj |
| MR. DAVID AND MR. PATET | | ASSISTANT PROFESSOR WOOD | |
| 7. Readings in Old French Literature. | Mj | XV. THE ENGLISH LANGUAGE AND LITERATURE, AND RHETORIC | |
| ASSOCIATE PROFESSOR JENKINS | | ELEMENTARY | |
| 8. Elementary Spanish. | Mj | 1. English Grammar. | Mj |
| MISS ENKE | | DR. MARSH | |
| 9. Modern Spanish Novels and Dramas. | Mj | ACADEMY | |
| MISS ENKE | | 2. Preparatory English Composition. | Mj |
| *10. Spanish Prose Composition. | Mj | DR. MARSH | |
| MISS ENKE | | 3. Preparatory English Literature. | Mj |
| *11. "Don Quixote." | Mj | MRS. MOORE AND MISS CRANDALL | |
| MISS ENKE | | COLLEGE | |
| 12. Old Spanish Readings. | Mj | 4. English, I. | Mj |
| ASSOCIATE PROFESSOR PIETSCH | | DR. MARSH | |
| 13. Elementary Italian. | Mj | 5. English, III. | Mj |
| DR. CIPRIANI | | MRS. FLINT | |
| 14. Advanced Italian. | Mj | 6. English, IV. | Mj |
| DR. CIPRIANI | | MRS. FLINT | |
| XIV. GERMANIC LANGUAGES AND LITERATURES | | 7. English, V. | Mj |
| 1. Elementary German, A and B. | DMj | MRS. FLINT | |
| DR. VON NOÉ | | 8. The Development of English Literature. | Mj |
| 2. Intermediate German. | Mj | MRS. MOORE AND MISS CRANDALL | |
| MR. GRONOW | | 9. Masterpieces of English Literature. | DMj |
| 3. Review of Elementary German Grammar and Syntax. | Mj | MRS. MOORE AND MISS CRANDALL | |
| MISS KUEFFNER | | †10. An Introduction to American Literature. | Mj |
| 4. Intermediate Prose Composition. | Mj | MR. BOYNTON | |
| ASSISTANT PROFESSOR KERN | | 11. Shakespeare: Typical Plays. | Mj |
| 5. German Idioms and Synonyms. | Mj | ASSOCIATE PROFESSOR TROOP | |
| MR. GRONOW | | 12. English Literature from 1557 to 1642. | Mj |
| 6. Scientific German. | Mj | DR. MARSH | |
| DR. VON NOÉ | | 13. English Literature from 1642 to 1744 (The Classical Period). | Mj |
| 7. Modern German Dramas. | Mj | DR. MARSH | |
| DR. VON NOÉ | | 14. English Literature from 1744 to 1798. | Mj |
| 8. The German Short Story. | Mj | DR. MARSH | |
| DR. VON KLENZE | | 15. English Literature from 1798 to 1832. | Mj |
| 9. Deutsche Aufsätze und Stilübungen. | Mj | DR. MARSH | |
| DR. SCHUB | | | |

* Registrations accepted after January 1, 1907.

† Registration accepted after October 1, 1906.

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|------------------------------------------------------------|----|---------------------------------------------------------------|-----|
| 16. English Literature from 1832 to 1892. | Mj | 4. Plane Trigonometry by the Laboratory Method. | Mj |
| DR. MARSH | | ASSISTANT PROFESSOR DICKSON | |
| 17. Studies in the Works of Robert Browning. | M | 5. Plane Trigonometry. | Mj |
| MISS RADFORD | | ASSISTANT PROFESSOR HOOVER | |
| 18. Studies in the Poetry of Tennyson. | M | 6. Spherical Trigonometry (informal). | M |
| MISS RADFORD | | ASSISTANT PROFESSOR HOOVER | |
| 19. English Novelists of the Nineteenth Century. | Mj | 7. College Algebra. | Mj |
| ASSOCIATE PROFESSOR TROOP | | ASSISTANT PROFESSOR HOOVER | |
| 20. English Essayists of the Nineteenth Century. | Mj | 8. Plane Analytic Geometry. | Mj |
| ASSOCIATE PROFESSOR TROOP | | ASSISTANT PROFESSOR HOOVER | |
| 21. American Literature: "The Renaissance of New England." | Mj | 9. Solid Analytical Geometry (informal). | Mj |
| ASSOCIATE PROFESSOR TROOP | | ASSISTANT PROFESSOR HOOVER | |
| 22. Modern Realistic Fiction. | Mj | 10. Calculus (Culture Course). | Mj |
| MISS RADFORD | | ASSISTANT PROFESSOR SLAUGHT | |
| 23. The Short Story in English and American Literature. | Mj | 11. Calculus. | DMj |
| DR. MARSH | | ASSISTANT PROFESSOR HOOVER | |
| 24. Elementary Old English. | Mj | 12. Advanced Calculus (informal). | DMj |
| DR. MARSH | | ASSISTANT PROFESSOR HOOVER | |
| 25. Advanced Old English: "Beowulf." | Mj | 13. Analytical Mechanics. | Mj |
| ASSOCIATE PROFESSOR BLACKBURN | | ASSISTANT PROFESSOR HOOVER | |
| 26. Advanced Old English.—Cynewulf's Works. | Mj | 14. Elements of Theories of Probability and of Least Squares. | Mj |
| ASSOCIATE PROFESSOR BLACKBURN | | PROFESSOR MYERS | |
- * XVI. GENERAL LITERATURE
- | | | | |
|-----------------------------------|----|----------------------------------------------|-----|
| 1. German Literature (in English) | Mj | 15. The Theory of Errors. | Mj |
| DR. VON NOÉ | | PROFESSOR MYERS | |
| 2. Milton and Dante. | Mj | 16. Advanced Theory of Equations (informal). | DMj |
| ASSOCIATE PROFESSOR TROOP | | ASSISTANT PROFESSOR HOOVER | |
| 3. Studies in Recent Drama. | Mj | 17. Differential Equations (informal). | DMj |
| MISS RADFORD | | ASSISTANT PROFESSOR HOOVER | |
| | | 18. Projective Geometry (informal). | Mj |
| | | PROFESSOR MOORE | |
| | | GRADUATE | |
- XVII. MATHEMATICS
- ACADEMY
- | | | | |
|---------------------------------|-----|----------------------------------------------------------------------|-----|
| 1. Elementary Algebra, A and B. | DMj | 19. History of the Science of Mathematics. | Mj |
| ASSISTANT PROFESSOR HOOVER | | PROFESSOR MYERS | |
| 2. Plane Geometry, A and B. | DMj | 20. History of the Teaching of Elementary and Secondary Mathematics. | Mj |
| ASSISTANT PROFESSOR HOOVER | | PROFESSOR MYERS | |
| 3. Solid Geometry. | Mj | 21. Advanced Analytical Geometry (informal). | DMj |
| ASSISTANT PROFESSOR HOOVER | | ASSISTANT PROFESSOR HOOVER | |
| | | 22. Differential Equations (informal). | DMj |
| | | ASSISTANT PROFESSOR HOOVER | |

23. Spherical Harmonics. Mj
PROFESSOR MYERS
24. Analysis (informal). 4 Mj
PROFESSOR MOORE
25. Theory of Functions of a Complex Variable. Mj
PROFESSOR MOORE
26. Elliptic Functions (informal). DMj
PROFESSOR MOORE
27. Algebra (informal). DMj
PROFESSOR MOORE
28. Numbers (informal). DMj
PROFESSOR MOORE

SCHOOL OF EDUCATION

29. Review Course in Mathematics for the Elementary School. Mj
PROFESSOR MYERS
30. Pedagogy of Mathematics of the Elementary Schools. Mj
PROFESSOR MYERS
31. The Teaching of Secondary Mathematics. Mj
PROFESSOR MYERS
32. The Psychology of Number. Mj
PROFESSOR MYERS
33. The Mathematics of History, Geography, Nature-Study, and Constructive Work, for Elementary Schools. Mj
PROFESSOR MYERS
34. Mathematics for Teachers of Handicraft. Mj
PROFESSOR MYERS
35. Astronomy for High-School Teachers. Mj
PROFESSOR MYERS
36. Plane Trigonometry and Surveying with Surveyor's Tape and Extemporized Apparatus. Mj
PROFESSOR MYERS
37. Surveying and Plane Trigonometry Taught Simultaneously. Mj or DMj
PROFESSOR MYERS
38. The Teaching of College Algebra, Trigonometry, and Analytics. Mj
PROFESSOR MYERS
39. The Teaching of Differential and Integral Calculus. Mj
PROFESSOR MYERS
40. History of the Teaching of Elementary and Secondary Mathematics. Mj
PROFESSOR MYERS

19. History of the Science of Mathematics. Mj
PROFESSOR MYERS
2. History of Astronomy. Mj
PROFESSOR MYERS

XVIII. ASTRONOMY

1. Elementary Astronomy. Mj
ASSISTANT PROFESSOR MOULTON
2. The History of Astronomy. Mj
PROFESSOR MYERS
35. Astronomy for High-School Teachers. Mj
PROFESSOR MYERS
4. Analytical Mechanics (informal). Mj
ASSISTANT PROFESSOR MOULTON
5. Advanced Analytical Mechanics (informal). Mj
ASSISTANT PROFESSOR LAVES OR
OR ASSISTANT PROFESSOR MOULTON
6. Celestial Mechanics. Mj
ASSISTANT PROFESSOR LAVES OR
ASSISTANT PROFESSOR MOULTON

XIX. PHYSICS

1. Elementary Physics, A and B. DMj
DR. ROBBS

XX. CHEMISTRY

1. General Inorganic Chemistry (Sequel to High School Chemistry) A and B. DMj
PROFESSOR ALEXANDER SMITH AND MR. CARSON
2. Qualitative Analysis, A, B, and C. 3 Mj
DR. JONES

XXI. GEOLOGY

1. Physiography. Mj
DR. CALHOUN
2. General Geology. Mj
MR. MEINZER
3. Economic Geology. Mj
MR. EMMONS

XXII. GEOGRAPHY

1. General Geography. Mj
MR. BARROWS
2. Influence of Geography on American History. Mj
MR. BARROWS

XXIII. ZOOLOGY

1. General Biology. Mj
ASSOCIATE PROFESSOR LILLIE
AND MR. SHELFORD

2. General Morphology of the Invertebrates. DMj
ASSISTANT PROFESSOR CHILD AND
MR. SHELFORD
3. General Morphology of the Vertebrates. Mj
PROFESSOR WILLISTON
4. Studies of Birds. Mj
DR. STRONG
5. Mammalian Anatomy. Mj
PROFESSOR WILLISTON
- XXIII. ANATOMY
1. Methods in Animal Histology. Mj
DR. REVELL
- XXIV. PHYSIOLOGY
1. Elementary Physiology. Mj
DR. GUTHRIE
2. General and Special Physiology. A, B, and C. 3 Mj
DR. GUTHRIE
- XXVII. BOTANY
1. General Morphology of the Algae and Fungi. Mj
DR. CHAMBERLAIN
2. General Morphology of the Bryophytes and Pteridophytes. Mj
DR. CHAMBERLAIN
3. General Morphology of the Gymnosperms and Angiosperms. Mj
DR. CHAMBERLAIN
4. Elementary Plant Physiology. Mj
PROFESSOR BARNES AND DR. MCCALLUM
5. Elementary Plant Ecology. Mj
DR. HOWE
6. Laboratory Ecology. Mj
DR. HOWE
7. Field Ecology. Mj
DR. COWLES
8. Elementary Forestry. Mj
DR. HOWE
9. Elementary Plant Anatomy. Mj
DR. LAND
10. Methods in Plant Histology. Mj
DR. LAND
- XXVIII. PATHOLOGY AND BACTERIOLOGY
ACADEMY
1. General Bacteriology and the Relation of Bac-
teria Yeasts and Molds to the Household, Dairy In-
dustries, and Agriculture. Mj
MR. HEINEMANN
- COLLEGE
2. Bacteriological Methods. Mj
MR. HEINEMANN
3. Advanced Bacteriology. Mj
MR. HEINEMANN
- XLII. OLD TESTAMENT LITERATURE AND INTERPRE-
TATION
(See VIII, SEMITIC LANGUAGES AND LITERATURES)
- XLIII. NEW TESTAMENT LITERATURE AND INTERPRE-
TATION
(See IX, BIBLICAL AND PATRISTIC GREEK)
- XLIV. SYSTEMATIC THEOLOGY
1. Outline Course in Systematic Theology. Mj
ASSISTANT PROFESSOR G. B. SMITH
2. Christian Ethics. Mj
ASSISTANT PROFESSOR G. B. SMITH
3. Apologetics. Mj
ASSISTANT PROFESSOR G. B. SMITH
4. The Theological Significance of Leading Move-
ments of Thought in the Nineteenth Century. DMj
ASSISTANT PROFESSOR G. B. SMITH
- XLV. CHURCH HISTORY
1. Outline of Church History. Mj
DR. GATES
2. Church History Prior to Constantine (30-311
A. D.). Mj
PROFESSOR HULBERT
3. From Primitive to Catholic Christianity. Mj
DR. GATES
4. The Protestant Reformation. Mj
ASSOCIATE PROFESSOR MONCRIEF
- XLVI. HOMILETICS
1. The Art of Preaching. Mj
PROFESSOR SOARES
- LIBRARY SCIENCE
1. Technical Methods of Library Science. Mj
MISS ROBERTSON
- THE SCHOOL OF EDUCATION
1. The Teaching of Natural Science. Mj
PROFESSOR JACKMAN
2. Elementary School Work. Mj
MR. MEYERS

DRAWING
ACADEMY

A. Machine Drawing.

- | | |
|---------------------------------|----|
| 1. <i>Freehand Drawing.</i> | Mj |
| 2. <i>Mechanical Drawing.</i> | Mj |
| 3. <i>Constructive Drawing.</i> | Mj |
| 4. <i>Machine Details.</i> | Mj |
| 5. <i>Gear Construction.</i> | Mj |
| 6. <i>Shop Drawing.</i> | Mj |

MR. FERSON

B. Architectural Drawing.

- | | |
|----------------------------------------------------|----|
| 1. <i>Freehand Drawing.</i> | Mj |
| 2. <i>Mechanical Drawing.</i> | Mj |
| 3. <i>Constructive Drawing.</i> | Mj |
| 4. <i>Architectural Details.</i> (In preparation) | Mj |
| 5. <i>Architectural Design.</i> (In preparation) | Mj |
| 6. <i>Pictorial Architecture.</i> (In preparation) | Mj |

MR. FERSON

C. Descriptive Geometry.

- | | |
|---------------------------------------------|----|
| 1. <i>Mechanical Drawing.</i> | Mj |
| 2. <i>Constructive Drawing.</i> | Mj |
| 3. <i>Descriptive Geometry.</i> | Mj |
| 4. <i>Descriptive Geometry</i> (continued). | Mj |

MR. FERSON

D. Perspective. (In preparation)

- | |
|---------------------|
| 1. <i>Parallel.</i> |
| 2. <i>Angular.</i> |
| 3. <i>Oblique.</i> |
| 4. <i>Shadows.</i> |

5. *Reflections.*6. *Aerial.*

MR. FERSON

WOOD-WORK

- | | |
|--------------------|----|
| 1. Joinery. | Mj |
| 2. Wood-Turning. | Mj |
| 3. Pattern-Making. | Mj |
| 4. Cabinet-Making. | Mj |

THE ENGLISH THEOLOGICAL SEMINARY

- | | |
|--------------------------------------------------------|----|
| 1B. English Composition and Rhetoric. | Mj |
| 2B. Homiletics. | Mj |
| 3B. Elementary Sociology. | Mj |
| 4B. Church History Prior to Constantine (30-311 A.D.). | Mj |
| 5B. Church History.—The Protestant Reformation. | Mj |
| 6B. Outline of Systematic Theology. | Mj |
| 7B. New Testament Times in Palestine. | Mj |

III. THE AMERICAN INSTITUTE OF SACRED LITERATURE

1. For Lecture-Study Courses see Departments XLI, XLII, and XLV, pp. 330, 331.
2. For Correspondence-Study Courses see Departments XLI to XLV, p. 338.
3. Courses in Reading and Library Work.
 - a) Professional Reading Courses.
 1. The Historical and Literary Origin of the Pentateuch.
 2. Old Testament Prophecy.
 3. The Origin and Growth of the Hebrew Psalter.

4. The Life of Jesus the Christ.
5. The Apostolic Age.
6. The Problems Connected with the Gospel of John.
7. Christianity and Social Problems.
8. The Preparation of Sermons.
9. The Teaching of Jesus.
10. The History of Israel.
11. The Wisdom Literature.
12. The Teaching of the Apostles.

13. The Post-Apostolic Era.
14. The Psychology of Religion and its Bearing upon Religious Education.
15. The Best Book for the Average Minister Published since 1903.
- b) Elementary Reading Courses.
 1. General Course in Religious Education, 1.
 2. General Course in Religious Education, 2.
- c) Elementary Study Courses.
 1. The Life of Christ.
 2. The Foreshadowings of the Christ.
 3. The Founding of the Christian Church.
 4. The Work of the Old Testament Sages.
 5. The Social and Ethical Teaching of Jesus.
 6. The Work of the Old Testament Priests.
- d) Training Courses for Sunday School Teachers.
 1. An Introduction to the Bible for Teachers of Children.
 2. An Introduction to the Bible for Teachers of Young People and Adults.
 3. The Application of Psychology and Pedagogy to Sunday School Teaching.

PART III
REGISTRATION OF STUDENTS

REGISTRATION OF STUDENTS, 1905-6

ABBREVIATIONS.—ACADEMIC RECORD.—In the statement of academic record, *u.* = University; *c.* = College; *s.* = School; *sm.* = Seminary; *hs.* = High School; *a.* = Academy; *inst.* = Institute (or Institution).

PERIOD OF RESIDENCE.—*s.* = Resident during Summer Quarter, 1905.—*a.* = Resident during Autumn Quarter, 1905.—*w.* = Resident during Winter Quarter, 1906.—*sp.* = Resident during Spring Quarter, 1906.

† = Graduate students studying abroad.

In the list of subjects following the Academic record the principal subject is placed first. (*fel.*) indicates "fellow" in department.

THE GRADUATE SCHOOLS OF ARTS, LITERATURE, AND SCIENCE

I. DOCTORS OF PHILOSOPHY PURSUING SPECIAL COURSES

NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Acree, Solomon Farley, <i>s</i>	S.B. (<i>u. of Texas</i>) '96; S.M. (<i>Ibid.</i>) '97; Ph.D. (<i>u. of Chicago</i>) '02. Chemistry, Physics	Baltimore, Md.
Atwood, Wallace Walter, <i>a</i>	S.B. (<i>u. of Chicago</i>) '97; Ph.D. (<i>Ibid.</i>) '03. Geology	Chicago
Bacon, Raymond Fauss, <i>s</i>	S.B. (<i>De Pauw u.</i>) '99; A.M. (<i>Ibid.</i>) '00; Ph.D. (<i>u. of Chicago</i>) '04. Chemistry, Physics	Indianapolis, Ind.
Bronk, Isabelle, <i>s</i>	Ph.B. (<i>Illinois Wesleyan u.</i>) '98; Ph.D. (<i>u. of Chicago</i>) '00. Romance	Swarthmore, Pa.
Fink, Bruce, <i>s</i>	S.M. (<i>u. of Illinois</i>) '94; A.M. (<i>Harvard u.</i>) '96; Ph.D. (<i>u. of Minnesota</i>) '99. Pathology	Grinnell, Ia.
Gray, Charles Henry, <i>s</i>	L.B. (<i>u. of Michigan</i>) '95; L.M. (<i>Ibid.</i>) '96; Ph.D. (<i>u. of Chicago</i>) '04. English, German	Chicago
Harris, Mary Belle, <i>a</i>	A.B. (<i>Bucknell u.</i>) '94; A.M. (<i>Ibid.</i>) '95; Ph.D. (<i>u. of Chicago</i>) '00. Latin, Greek	Lewisburg, Pa.
Jeffreys, Elizabeth, <i>s</i>	Ph.B. (<i>Oberlin c.</i>) '95; Ph.D. (<i>u. of Chicago</i>) '98. Chemistry	Chicago
Jones, Florence Nightingale, <i>s</i>	A.B. (<i>Oberlin c.</i>) '83; A.M. (<i>u. of Michigan</i>) '91; Ph.D. (<i>u. of Chicago</i>) '03. Romance	Chicago
Moncreiff, William Franklin, <i>s</i>	A.B. (<i>u. of Nashville</i>) '89; A.M. (<i>Ibid.</i>) '92; Ph.M. (<i>u. of Chicago</i>) '99; Ph.D. (<i>Ibid.</i>) '00. Mathematics	Rock Hill, S. C.
Morris, Wilson Clark, <i>sp</i>	Ph.B. (<i>Mt. Union</i>) '01; A.M. (<i>Illinois Wesleyan u.</i>) '03; Ph.D. (<i>Ibid.</i>) '06; Physics, Mathematics, Geology	Delta, Pa.
Mulfinger, George Abraham, <i>s</i>	A.B. (<i>Northwestern u.</i>) '85; Ph.D. (<i>u. of Chicago</i>) '02. German	Chicago
Noé, Adolph Charles Von, <i>s a w</i>	A.B. (<i>u. of Chicago</i>) '00; Ph.D. (<i>Ibid.</i>) '05. German	Chicago
Owen, William Bishop, <i>s</i>	A.B. (<i>Denison u.</i>) '87; Ph.D. (<i>u. of Chicago</i>) '01. Greek, Latin	Chicago
Robinson, David Moore, <i>s</i>	A.B. (<i>u. of Chicago</i>) '98; Ph.D. (<i>Ibid.</i>) '04. Greek, Latin	Chicago
Talbot, Marion, <i>sp</i>	A.B. (<i>Boston u.</i>) '80; A.M. (<i>Ibid.</i>) '82; S.B. (<i>Massachusetts inst. of Technology</i>) '88; LL.D. (<i>Cornell c.</i>) '04. Household Administration.	Chicago
Wildman, Murray Shipley, <i>s</i>	Ph.B. (<i>Earlham c.</i>) '93; Ph.D. (<i>u. of Chicago</i>) '04. Political Economy	Fayette, Mo.
Wyczolkowska, Anna, <i>w</i>	Ph.D. (<i>u. of Zurich</i>) '93. Psychology	Chicago
Yamaguchi, Minocuke, <i>a w</i>	A.B. (<i>Lombard u.</i>) '97; A.M. (<i>Yale u.</i>) '00; Ph.D. (<i>Taylor u.</i>) '00. Anatomy, Chemistry	Tokyo, Japan

MEN—13

WOMEN—6

TOTAL—19

THE GRADUATE SCHOOLS OF ARTS, LITERATURE, AND SCIENCE

II. STUDENTS ADMITTED TO CANDIDACY FOR HIGHER DEGREES

NOTE.—Students are admitted to candidacy for higher degrees by vote of the faculty on approval of the thesis subject and fulfillment of other conditions under the regulations.

Where the name of the student appears in the list with the degree of Ph.D. indicated, it will be understood that the degree was conferred during the academic year.

NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Abbott, Edith, s	A.B. (u. of Nebraska) '01; Ph.D. (u. of Chicago) '05. Political Economy, Political Science	Grand Island, Neb.
Abbott, James Francis sp	A.B. (Leland Stanford u.) '99. Zoology	St. Louis, Mo.
Anderson, Anna Cornelia, s a w sp	A.B. (u. of Chicago) '01; A.M. (Ibid.) '02. English, Physics, Greek	Chicago
Andress, James Mace, a w sp	A.B. & Pd.B. (Michigan State Normal c.) '05. His- tory	Cheesaning, Mich.
Ashman, George Cromwell, s	S.B. (Wabash c.) '95; S.M. (u. of Chicago) '05. Chem- istry	Peoria
Artell, Harold Lucius, s a w sp	A.B. (Kalamazoo c.) '97; A.B. (u. of Chicago) '98; A.M. (Ibid.) '00. Latin, Greek	Topeka, Kan.
Bass, Willard Streeter, s	A.B. (Bowdoin c.) '96; A.M. (Harvard u.) '99. Mathe- matics	Chicago
Barnard, Edith Ethel, s a w sp	S.B. (u. of Chicago) '08; S.M. (Ibid.) '05. Chemistry	Chicago
Bates, William Hunt, s	A.B. (Vanderbilt u.) '94; A.M. (u. of Chicago) '02. Mathematics	Lafayette, Ind.
Benedict, Laura Estelle Watson, s a w	A.B. (u. of Chicago) '00; A.M. (Ibid.) '04. Anthropol- ogy, Sociology	Chicago
Blair, William Richards, s a w sp	S.B. (u. of Chicago) '04. Physics	Emporia, Kan.
Blunt, Katharine, s a w sp	A.B. (Vassar c.) '98. Chemistry	Rock Island
Bondurant, Bernard Camillus, s	A.B. (Hampden-Sidney c.) '91; A.M. (West Virginia u.) '00; Ph.D. (u. of Chicago) '05. Latin, Greek	Rice Depot, Va.
Börger, Robert Lacey, s	A.B. (Florida Agricultural c.) '98; A.M. (u. of Chi- cago) '05. Mathematics	Lake City, Fla.
Bradley, William Joseph, s a w	A.B. (u. of Chicago) '05; A.M. (Ibid.) '05. Philosophy	Macon, Ga.
Breslich, Ernest Rudolph, s	A.B. (German Wallace c.) '98; A.M. (u. of Chicago) '00. Mathematics, Astronomy	Chicago
Bretz, Julian Pleasant, a w sp	A.B. (William Jewell c.) '99. History (fel.)	Chicago
Brookfield, Mary Palmierre, s w	S.B. (u. of Chicago) '02. English	Niagara Falls, Can.
Brown, Frank Clyde, s	A.B. (u. of Nashville) '98; A.M. (u. of Chicago) '02. English	Oxford, Ga.
Brown, Peter Franklin, s	A.B. (Emory c.) '90; A.M. (Ibid.) '95. English	Savannah, Ga.
Brownlee, Roy Hutchinson, s a w sp	A.B. (Monmouth c.) '98. Chemistry, Physics	Chicago
Bunts, Alfred Jackson, s	S.B. (Milligan c.) '97; Ph.B. (u. of Chicago) '04; Ph.M. (Ibid.) '05. History	Pulaski, Va.
Carothers, Ida Eleanor, s	S.B. (u. of Chicago) '04; S.M. (Ibid.) '05. Botany	St. Louis, Mo.
Carson, Charles Macdonald, a w sp	A.B. (Toronto u.) '98. Chemistry, Physics	London, Can.
Carr, Harvey, s	S.B. (u. of Colorado) '01; S.M. (Ibid.) '02; Ph.D. (u. of Chicago) '05. Education, Psychology	Ambia, Ind.
Castro, Matilde, a w sp	A.B. (u. of Chicago) '00. Philosophy (fel.)	Chicago
Chamberlin, Rollin Thomas, a w sp	S.B. (u. of Chicago) '03. Geology	Chicago
Chandler, Elbert Edwin, a w sp	A.B. (William Jewell c.) '91; LL.D. (u. of Michi- gan) '93. Chemistry, Physics	Chicago
Clark, Robert Fry, a w sp	A.B. (Central c.) '01; A.B. (Oberlin c.) '02. English, Semitics, Sociology	Huntington, Ind.
Clark, Zoura Lane, s a w sp	A.B. (u. of Chicago) '05. English	Chicago
Cresap, Trella Jane, a w sp	A.B. (u. of Illinois) '04. English	Urbana
Crocker, William, s a w sp	A.B. (u. of Illinois) '02; A.M. (Ibid.) '03. Botany, Chemistry (fel.)	Chicago
Cross, Ethan Allen, s a w sp	A.B. (u. of Illinois) '05. English	Mt. Vernon
Craig, Wallace, s	S.B. (u. of Illinois) '98. Zoology, Philosophy	Chicago

THE GRADUATE SCHOOLS OF ARTS, LITERATURE, AND SCIENCE

NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Crowell, Winifred Gardner, <i>s</i>	Ph.B. (u. of Chicago) '01; Ph.M. (<i>Ibid.</i>) '04. English	Barrington, N. S.
David, Henri Charles Edouard, <i>s a w sp</i>	A.B. (u. of Chicago) '02; A.M. (<i>Ibid.</i>) '04. Romance	Chicago
Davis, David John, <i>a</i>	S.B. (u. of Wisconsin) '98; Ph.D. (u. of Chicago) '05. Pathology, Physiology	Racine, Wis.
Davis, Edith Amy Roberta, <i>a w sp</i>	A.B. (u. of New Brunswick) '04. Greek, Latin (<i>fel.</i>)	Frederickton, Can.
Davis, John Nicholas, <i>s a w sp</i>	A.B. (Maryville c.) '97. Philosophy	Wabasha, Minn.
Day, Dudley Watson, <i>a</i>	S.B. (u. of Chicago) '04; S.M. (<i>Ibid.</i>) '05. Bacteriology	Chicago
Day, Edna Daisy, <i>s a w sp</i>	A.B. (u. of Michigan) '98; S.M. (<i>Ibid.</i>) '97. Household Administration (<i>fel.</i>)	Chicago
Denis, Willey, <i>s a w sp</i>	A.B. (Tulane u.) '99; A.M. (<i>Ibid.</i>) '02. Chemistry	New Orleans, La.
Dey, Mary Helena, <i>s</i>	A.B. (McGill u.) '00; A.M. (<i>Ibid.</i>) '02. Romance	Simcoe, Can.
Dodd, Walter Farleigh, <i>s</i>	A.B. (Florida State c.) '98; S.B. (John B. Stetson u.) '01; Ph.D. (u. of Chicago) '05. Political Science, Political Economy	Washington, D. C.
Donecker, Franklin Christian, <i>s</i>	A.B. (Mt. Union c.) '94; S.M. (u. of Chicago) '03. Mathematics	Chicago
Dresden, Arnold, <i>w sp</i>	(u. of Amsterdam) '03. Mathematics.	Amsterdam, Holland
Dubach, Otto Frederick, <i>s</i>	Ph.B. (Ottawa u.) '98; Ph.M. (u. of Chicago) '98. Political Science	Colorado Springs, Colo.
Edwards, Flora Morey, <i>a w sp</i>	A.B. (Beloit c.) '03. English, History	Clinton Junction, Wis.
Enke, Ana Jule, <i>a w sp</i>	Ph.B. (u. of Chicago) '05. Romance, German	La Grange
Escott, Edward Brind, <i>s</i>	S.B. (u. of Michigan) '95; S.M. (u. of Chicago) '96. Mathematics	Ann Arbor, Mich.
Evans, William Lloyd, <i>s</i>	S.B. (Ohio State u.) '92; S.M. (<i>Ibid.</i>) '96; Ph.D. (u. of Chicago) '05. Chemistry, Physics	Columbus, O.
Farley, Albert Allison, <i>s a w sp</i>	Ph.B. (Beloit c.) '95; Ph.M. (u. of Chicago) '04. Philosophy	Chicago
Fay, Agnes La Foy, <i>s</i>	S.B. (u. of Chicago) '04; S.M. (<i>Ibid.</i>) '05. Chemistry	Peoria
Garner, Alfred William, <i>s a w</i>	S.B. (Mississippi Agricultural and Mechanical c.) '00. History	Summit, Miss.
Goettsch, Charles, <i>sp</i>	A.B. (u. of Chicago) '01. German, English.	Chicago
Goettsch, Henry Max, <i>a w sp</i>	S.B. (State u. of Iowa) '99; S.M. (<i>Ibid.</i>) '00. Chemistry (<i>fel.</i>)	Chicago
Greenfield, Le Roy Bethel, <i>s</i>	A.B. (u. of Oklahoma) '03; Ph.M. (u. of Chicago) '05. English, General Literature, Philosophy	Weatherford, Okla.
Griffin, Frank Loxley, <i>s a w</i>	S.B. (u. of Chicago) '03; S.M. (<i>Ibid.</i>) '04. Mathematics, Astronomy (<i>fel.</i>)	Topeka, Kan.
Griffith, Reginald Harvey, <i>s</i>	A.M. (Furman u.); Ph.D. (u. of Chicago) '05. English, German	Austin, Tex.
Grimson, Gudmunder, <i>s a w</i>	A.B. (u. of North Dakota) '04; A.M. (<i>Ibid.</i>) '05. Political Economy, Political Science (<i>fel.</i>)	Milton, N. D.
Guittard, Francis Gevrier, <i>s</i>	A.B. (u. of Chicago) '01; A.M. (<i>Ibid.</i>) '02. History, Political Science, English	Waco, Tex.
Gurney, Lawrence Emery, <i>a w sp</i>	A.B. (Colby c.) '99. Physics, Mathematics (<i>fel.</i>)	Holliston, Mass.
Hall, Robert Anderson, <i>a w sp</i>	A.B. (u. of Chicago) '05. Chemistry, Physics	Houston, Tex.
Hamilton, Ira Calvert, <i>s</i>	A.B. (Indiana u.) '00. Political Science, History	Markle, Ind.
Hamilton, John Bascom, <i>sp</i>	A.B. (u. of Texas) '02; A.M. (u. of Chicago) '04. Political Economy, Latin, Greek.	Edmonton, Ky.
Harding, Adaline Wright, <i>s a w sp</i>	L.B. (Fairmount c.) '01. English	Wichita, Kan.
Hatton, Augustus Raymond, <i>s a w</i>	Ph.B. (Franklin c.) '98. Political Science, History (<i>fel.</i>)	Chicago
Hegner, Robert William, <i>s a w sp</i>	S.B. (u. of Chicago) '08; S.M. (<i>Ibid.</i>) '04. Zoology, Botany	Decorah, Ia.
Heinemann, Paul Gustav, <i>a w sp</i>	S.B. (u. of Chicago) '04. Pathology, Physiology (<i>fel.</i>)	Chicago
Heinzelman, Jacob Harold, <i>s a w sp</i>	A.B. (u. of Illinois) '02. German, Romance	Peoria

THE GRADUATE SCHOOLS OF ARTS, LITERATURE, AND SCIENCE

NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Henninger, John Wesley, <i>a w sp</i>	S.B. (<i>McKendree c.</i>) '81; S.M. (<i>Ibid.</i>) '87. Sociology, Philosophy	Chicago
Herndon, Carrie Putnam, <i>a w sp</i>	Ph. B. (<i>u. of Chicago</i>) '01. History	Chicago
Heyd, Jacob William, <i>s</i>	A.B. (<i>u. of Missouri</i>) '08; Ph.M. (<i>u. of Chicago</i>) '05. German	Kirkville, Mo.
Hildebrandt, Theophil Henry, <i>a w sp</i>	A.B. (<i>u. of Illinois</i>) '05. Mathematics, Astronomy	Carpentersville
Higley, Louis Allen, <i>s a w sp</i>	S.B. (<i>u. of Chicago</i>) '00. Chemistry	Zion City
Hill, Herbert Wynford, <i>s</i>	L.B. (<i>u. of California</i>) '00; Ph.M. (<i>u. of Chicago</i>) '04. English	Austin, Tex.
Hilpert, Willis Stose, <i>s a w sp</i>	S.B. (<i>u. of Chicago</i>) '03. Chemistry (<i>fel.</i>)	Chicago
Hobbs, Glenn Moody, <i>a</i>	L.B. (<i>u. of Illinois</i>) '02; Ph.D. (<i>u. of Chicago</i>) '05. Physics, Chemistry	Chicago
Howard, Earl Dean, <i>a</i>	Ph.B. (<i>u. of Chicago</i>) '02; Ph.M. (<i>Ibid.</i>) '03; Ph.D. (<i>Ibid.</i>) '05. Political Economy, Sociology	Philadelphia, Pa.
Hoxie, Robert Franklin, <i>s a</i>	Ph.B. (<i>u. of Chicago</i>) '03; Ph.D. (<i>Ibid.</i>) '05. Political Economy, Political Science	Ithaca, N. Y.
Inskip, Lorenzo Dow, <i>s</i>	A.B. (<i>Denison u.</i>) '81; A.M. (<i>Ibid.</i>) '84. Political Science, Sociology	Oakland, Cal.
Jensen, Gerhard H., <i>s a w sp</i>	S.B. (<i>Cornell u.</i>) '00. Botany, Zoology	Chicago
Kennedy, Mary Jackson, <i>s w</i>	A.B. (<i>Belmont c.</i>) '83; A.B. (<i>u. of Chicago</i>) '04; Ph.D. (<i>Ibid.</i>) '05. Latin, Greek	Chicago
Ketcham, Lilla McDonald, <i>a w sp</i>	A.B. (<i>Lake Erie c.</i>) '06. Romance	Indianapolis, Ind.
Kimberly, Anna Maud, <i>a w sp</i>	A.B. (<i>Drake u.</i>) '02. English	Marshalltown, Ia.
Krehbiel, Edward Benjamin, <i>a w sp</i>	A.B. (<i>u. of Kansas</i>) '02. History, Political Science (<i>fel.</i>)	Chicago
Krause, Gertrude Else, <i>a</i>	A.B. (<i>Lake Erie c.</i>) '04. History, German, Philosophy	Cleveland, O.
Kueffner, Louise Mallinckrodt, <i>s</i>	A.B. (<i>Washington u.</i>) '93; A.M. (<i>Ibid.</i>) '96. German, Romance	Boston, Mass.
Kuhne, Julius William Adolphe, <i>a</i>	(<i>College de France</i>); A.M. (<i>u. of Chicago</i>) '05. Romance	Evanston
LaMar, Clyde Park, <i>sp</i>	A.B. (<i>Valparaiso c.</i>) '97. Political Science, Law	Chicago
Lambert, Lillian Vitaligne, <i>a w sp</i>	S.B. (<i>u. of Chicago</i>) '95. English	Des Moines, Ia.
Lauck, William Jett, <i>s</i>	A.B. (<i>Washington and Lee u.</i>) '02. Political Economy	Keyser, W. Va.
Lawrie, James Wright, <i>a w sp</i>	S.B. (<i>u. of Chicago</i>) '04; Chemistry, Physics (<i>fel.</i>)	Chicago
Leffingwell, Ernest De Koven, <i>s a w</i>	A.B. (<i>Trinity c.</i>) '95. Geology, Physics	Knoxville
Lees, James Henry, <i>a w sp</i>	A.B. (<i>Coe c.</i>) '01; S.M. (<i>Iowa c.</i>) '03. Geology, Paleontology	Cedar Rapids, Ia.
Lennes, Nels Johann, <i>s</i>	S.B. (<i>u. of Chicago</i>) '98; S.M. (<i>Ibid.</i>) '03. Mathematics	Chicago
Leonard, Heman Burr, <i>s</i>	S.B. (<i>u. of Michigan</i>) '95. Mathematics	Detroit, Mich.
Logan, Maria Rose, <i>a w sp</i>	A.B. (<i>Woman's c. of Baltimore</i>) '04. History, Sociology	Chicago
Longley, William Raymond, <i>s a w sp</i>	A.B. (<i>Butler c.</i>) '02; S.B. (<i>u. of Chicago</i>) '02; S.M. (<i>Ibid.</i>) '05. Mathematics (<i>fel.</i>)	Noblesville, Ind.
Lynde, Carleton John, <i>s a</i>	A.B. (<i>u. of Toronto</i>) '95; Ph.D. (<i>u. of Chicago</i>) '05. Physics, Chemistry	Madoc, Can.
McCracken, William, <i>s</i>	A.B. (<i>u. of Michigan</i>) '86; Ph.D. (<i>u. of Chicago</i>) '05. Chemistry, Physics	Marquette, Mich.
McElroy, Charles Foster, <i>s</i>	A.B. (<i>Butler c.</i>) '04; A.M. (<i>u. of Chicago</i>) '05. Political Economy, Political Science, English.	Springfield
McGuigan, Hugh, <i>s w sp</i>	S.B. (<i>North Dakota Agricultural c.</i>) '98. Chemistry, Pathology	Fargo, N. D.
McKibben, George Fitch, <i>s a</i>	A.B. (<i>Denison u.</i>) '75; A.M. (<i>Ibid.</i>) '78; Ph.D. (<i>u. of Chicago</i>) '05. Romance	Granville, O.
McLaughlin, Margaret, <i>s a</i>	A.B. (<i>National Normal School, Ohio</i>) '90; L.L.B. (<i>Ibid.</i>) '92; A.M. (<i>u. of Chicago</i>) '05. English	Smithland, Pa.

THE GRADUATE SCHOOLS OF ARTS, LITERATURE, AND SCIENCE

NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
McLaury, Anna, <i>s</i>	S.B. (<i>Wellesley c.</i>) '86; Ph.M. (<i>u. of Chicago</i>) '05. English.	Fredonia, N. Y.
McLearie, John, <i>s</i>	A.B. (<i>Macalester c.</i>) '97; A.M. (<i>u. of Chicago</i>) '05. Sociology	Rapid City, S. D.
McLeod, Andrew Fridley, <i>s a w sp</i>	A.B. (<i>u. of Chicago</i>) '03. Chemistry, Physics	Chicago
Maclear, John Fulton, <i>s</i>	A.B. (<i>u. of Chicago</i>) '02; A.M. (<i>Ibid.</i>) '03. History.	Chicago
MacDonald, Laura Anna, <i>s</i>	A.B. (<i>Oberlin c.</i>) '99; A.M. (<i>u. of Chicago</i>) '05. English, Philosophy, Education	Fremont, Neb.
MacMillan, William Duncan, <i>s a w sp</i>	A.B. (<i>Fort Worth u., Texas</i>) '98. Mathematics	Chicago
MacNeish, Harris Franklin, <i>a w</i>	S.B. (<i>u. of Chicago</i>) '02; S.M. (<i>Ibid.</i>) '04. Mathematics, Astronomy	Chicago
Magee, James Dysart, <i>a w sp</i>	A.B. (<i>Des Moines c.</i>) '02. Sociology, Political Economy, Philosophy	Des Moines, Ia.
Mangold, George Benjamin, <i>s</i>	A.B. (<i>Cornell c.</i>) '01; A.M. (<i>u. of Chicago</i>) '03. Political Economy, Sociology	Specht's Ferry, Ia.
Matheny, Francis Edmund, <i>s</i>	Ph.B. (<i>Berea c.</i>) '98. Political Economy, History	Casper, Wyo.
Matson, George Charlton, <i>a w</i>	S.B. (<i>Doane c.</i>) '00; A.M. (<i>Cornell u.</i>) '03. Geology (<i>fel.</i>)	Strang, Neb.
Merritt, Albert Newton, <i>s a w sp</i>	A.B. (<i>Leland Stanford u.</i>) '01; A.M. (<i>u. of Chicago</i>) '04. Political Economy (<i>fel.</i>)	Princeville
Miller, Edward Alanson, <i>sp</i>	A.B. (<i>Oberlin c.</i>) '97. Philosophy	Oberlin, O.
Mode, Rowland Hector, <i>a w</i>	A.B. (<i>u. of Toronto</i>) '98; A.M. (<i>Ibid.</i>) '99. Semitics	Toronto, Can.
Moffat, William Eugene, <i>s</i>	A.B. (<i>u. of Chicago</i>) '98. Greek, Latin	Chicago
Mulkey, Agnes Dora, <i>a w sp</i>	A.B. (<i>Whitworth c.</i>) '05. Latin, Greek	Port Townsend, Wash.
Mumford, Eben, <i>a sp</i>	A.B. (<i>Buchtel c.</i>) '98. Sociology	Troy, O.
Nickell, Marie Baker, <i>a w sp</i>	Ph.B. (<i>u. of Chicago</i>) '01. History	Waukesha, Wis.
Noble, Robert Peele, <i>s</i>	Ph.B. (<i>De Pauw u.</i>) '91; A.M. (<i>Ibid.</i>) '94. Physics, Chemistry	Socorro, N. M.
Norris, Frances Helen, <i>a w sp</i>	A.B. (<i>u. of Kansas</i>) '01; A.M. (<i>Ibid.</i>) '05. English	Iola, Kan.
Northrup, George Tyler, <i>s</i>	A.B. (<i>Williams c.</i>) '97. Romance, German	Evanston
Norton, Frederick Owen, <i>s a w sp</i>	A.B. (<i>Kentucky u.</i>) '93; A.M. (<i>Ibid.</i>) '95. Latin	Georgetown, Can.
Opitz, Russell Burton, <i>s</i>	S.B. (<i>u. of Chicago</i>) '98; S.M. (<i>Ibid.</i>) '02; Ph.D. (<i>u. of Chicago</i>) '05. Physiology, Histology	New York City
Pace, Lula, <i>s</i>	S.B. (<i>Baylor c.</i>) '90; S.M. (<i>u. of Chicago</i>) '02. Botany, Geology	Waco, Tex.
Paul, Harry G., <i>s</i>	A.B. (<i>u. of Michigan</i>) '97; A.M. (<i>u. of Chicago</i>) '01. English	Peoria
Peabody, Susan Wade, <i>s a w sp</i>	S.B. (<i>Wellesley c.</i>) '88. Political Science, History	Chicago
Peaks, Mary Bradford, <i>s</i>	A.B. (<i>u. of Chicago</i>) '00; Ph.D. (<i>Ibid.</i>) '05. Latin, Greek	Chicago
Peterson, Andrew Peter, <i>s a</i>	A.B. (<i>u. of Idaho</i>) '02; A.M. (<i>u. of Chicago</i>) '05. Latin	Moscow, Idaho
Plant, Louis Clark, <i>s</i>	Ph.B. (<i>u. of Michigan</i>) '97; Ph.M. (<i>u. of Chicago</i>) '05. Mathematics	Peoria
Pond, Jean Baird, <i>a w sp</i>	A.B. (<i>Smith c.</i>) '05. English, History, History of Art	Chicago
Porter, Nathan Tanner, <i>s</i>	A.B. (<i>u. of Utah</i>) '00; Ph.M. (<i>u. of Chicago</i>) '05. Political Science, Political Economy, Law	Centerville, Utah
Posey, Chessley Justin, <i>a</i>	S.B. (<i>u. of Illinois</i>) '00; S.M. (<i>u. of Chicago</i>) '05. Geology	Chicago
Post, Helen Mirian, <i>a w sp</i>	S.B. (<i>Maryville c.</i>) '05. English	Maryville, Tenn.
Randall, Ethel Claire, <i>a</i>	Ph.B. (<i>u. of Chicago</i>) '04. English (<i>fel.</i>)	Chicago
Ranson, Stephen Walter, <i>s a w</i>	S.B. (<i>u. of Chicago</i>) '02; S.M. (<i>Ibid.</i>) '03; Ph.D. (<i>Ibid.</i>) '05. Neurology, Pathology (<i>fel.</i>)	Chicago
Reynolds, George Fullmer, <i>s</i>	Ph.B. (<i>Lawrence u.</i>) '98; Ph.D. (<i>u. of Chicago</i>) '05. English, History, German	Waukan, Wis.

THE GRADUATE SCHOOLS OF ARTS, LITERATURE, AND SCIENCE

NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Rhoades, Mabel Carter, <i>s a w sp</i>	Ph.B. (<i>Syracuse u.</i>) '98; Ph.M. (<i>Ibid.</i>) '03. Sociology	Syracuse, N. Y.
Robertson, James Reid, <i>a w sp</i>	A.B. (<i>Beloit c.</i>) '04. History, English	Chicago
Robinson, Lillian González, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '03; Ph.M. (<i>Ibid.</i>) '05. Romance, Sanskrit, German	Fargo, N. D.
Robinson, Mayme Llewella, <i>a w sp</i>	L.B. (<i>Ohio Wesleyan u.</i>) '05. English	Sumner
Royster, James Finch, <i>a w sp</i>	A.B. (<i>Wake Forest c.</i>) '00. English, German (<i>fel.</i>)	Raleigh, N. C.
Ruediger, Gustav Ferdinand, <i>w sp</i>	S.B. (<i>u. of Wisconsin</i>) '00. Chemistry, Anatomy	Chicago
Ruger, Henry Alford, <i>s</i>	A.B. (<i>Beloit c.</i>) '95; A.M. (<i>u. of Chicago</i>) '05. Psychology, Philosophy, Neurology	Janesville, Wis.
Runyon, Laura Louise, <i>sp</i>	Ph.B. (<i>u. of Chicago</i>) '98. Education, History	Warrensburg, Mo.
Ruser, Etta Louise, <i>s</i>	A.B. (<i>Cornell u.</i>) '03; A.M. (<i>u. of Chicago</i>) '05. German	Davenport, Ia.
Sage, Evan Taylor, <i>a w sp</i>	A.B. (<i>u. of Nebraska</i>) '02; A.M. (<i>u. of Chicago</i>) '04. Latin, Greek (<i>fel.</i>)	Beatrice, Neb.
Schlesinger, Herman Irving, <i>s</i>	S.B. (<i>u. of Chicago</i>) '03; Ph.D. (<i>u. of Chicago</i>) '05. Chemistry, Physics (<i>fel.</i>)	Milwaukee, Wis.
Schweitzer, Arthur Richard, <i>a</i>	Ph.B. (<i>u. of Chicago</i>) '00; S.M. (<i>Ibid.</i>) '05. Mathematics	Chicago
Scott, Harry Fletcher, <i>s a w sp</i>	A.B. (<i>Illinois c.</i>) '96; A.M. (<i>u. of Chicago</i>) '04. Latin	Chicago
Shaklee, Alfred Ogle, <i>a w sp</i>	S.B. (<i>u. of Chicago</i>) '99. Chemistry, Anatomy	Caldwell, O.
Sharman, Abbie Lyon, <i>sp</i>	A.B. (<i>u. of Wooster</i>) '94. English, History.	Chicago
Sherk, Wilfred Hobson, <i>s</i>	A.B. (<i>Oberlin c.</i>) '99; A.M. (<i>u. of Chicago</i>) '05. Mathematics, Physics	Chicago
Simons, Rayna, <i>s</i>	A.B. (<i>u. of Chicago</i>) '04; A.M. (<i>Ibid.</i>) '05. Latin	Chicago
Small, Vivian Blanche, <i>s</i>	A.B. (<i>Mt. Holyoke c.</i>) '98; A.M. (<i>u. of Chicago</i>) '05. Latin	Richmond, Me.
Smith, Henry, <i>a w sp</i>	A.B. (<i>u. of Illinois</i>) '03; A.M. (<i>u. of Chicago</i>) '03. History (<i>fel.</i>)	Metamora
Stenmo, Albert, <i>a w sp</i>	A.B. (<i>u. of North Dakota</i>) '98. History, Political Science	Hatton, N. D.
Stephens, Frank Fletcher, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '04; Ph.M. (<i>Ibid.</i>) '05. History	Topeka, Kan.
Taylor, Howard Frank, <i>s</i>	A.B. (<i>Yale u.</i>) '02. Latin, Greek	Hartford, Conn.
Taylor, Marion Lee, <i>s a w sp</i>	A.B. (<i>Wellesley c.</i>) '95. German	Albany, N. Y.
Tolman, Judson Allen, Jr., <i>s</i>	A.B. (<i>u. of Chicago</i>) '00; A.M. (<i>Ibid.</i>) '03. Latin, Greek	El Paso, Tex.
Ullman, Berthold Louis, <i>a w sp</i>	A.B. (<i>u. of Chicago</i>) '03. Latin, Greek (<i>fel.</i>)	Chicago
VanCleaf, Paul, <i>s a w</i>	S.B. (<i>u. of Chicago</i>) '05. Chemistry	Longview, Tex.
Vass, James Leland Jr., <i>s a w sp</i>	A.M. (<i>Furman u.</i>) '04. Greek, Latin (<i>fel.</i>)	Chicago
Wallace, Anna Theresa, <i>a w sp</i>	A.B. (<i>Leland Stanford u.</i>) '99. Latin, Romance, English	Palo Alto, Cal.
Warren, David Cassius, <i>s</i>	S.B. (<i>Baylor u.</i>) '94; A.B. (<i>Ibid.</i>) '99; A.M. (<i>Ibid.</i>) '02; A.M. (<i>u. of Chicago</i>) '05. Physics	Waco, Tex.
Wilson, Delonza Tate, <i>s</i>	A.B. (<i>u. of North Carolina</i>) '87; A.M. (<i>Vanderbilt u.</i>) '98; Ph.D. (<i>u. of Chicago</i>) '05. Astronomy, Mathematics	Cleveland, O.
Wilson, Eugene Alonzo, <i>a w sp</i>	A.B. (<i>Mt. Hope c.</i>) '98; A.M., (<i>Ibid.</i>) '99. Political Science, Political Economy, Sociology	Benton Harbor, Mich.
Wilson, Norman Richard, <i>s</i>	A.B. (<i>u. of Toronto</i>) '99; A.M. (<i>Ibid.</i>) '01. Mathematics	Winnipeg, Can.
Wilson, Thomas Matheson, <i>s a w</i>	S.B. (<i>Toronto u.</i>) '98; S.M. (<i>u. of Chicago</i>) '04. Pathology, Physiology	Toronto, Can.
Wood, William Hugh, <i>s a w sp</i>	A.B. (<i>u. of Nashville</i>) '99; A.B. (<i>u. of Chicago</i>) '05. History	Chicago
Woodhead, Howard, <i>s a w sp</i>	A.B. (<i>u. of Chicago</i>) '00. Sociology, Political Economy	Chicago
Woods, Erville Bartlett, <i>s a w sp</i>	A.B. (<i>Beloit c.</i>) '01. Sociology, Political Economy	Racine, Wis.
Woodworth, Arthur Heath, <i>a w sp</i>	A.M. (<i>Lafayette c.</i>) '04. English, Philosophy	Sayn, Pa.
Wright, William Kelley, <i>s a w sp</i>	A.B. (<i>u. of Chicago</i>) '99. Philosophy (<i>fel.</i>)	Canton

THE GRADUATE SCHOOLS OF ARTS, LITERATURE, AND SCIENCE

NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Yeomans, Frances Anna, <i>s</i>	S.B. (<i>Mt. Holyoke c.</i>) '08; Ph.M. (<i>u. of Chicago</i>) '05. History	Danville
Zook, Ephraim Jacob, <i>s</i>	Ph.B. (<i>u. of Wooster</i>) '01; A.M. (<i>u. of Chicago</i>) '05. Sociology	Smithville, O.
MEN—131	WOMEN—50	TOTAL—181

III. STUDENTS NOT YET ADMITTED TO CANDIDACY

NOTE.—Students are admitted to candidacy for higher degrees by vote of the faculty on approval of the thesis subject and fulfillment of other conditions under the regulations.

NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Abbott, Fred Edgerton, <i>a w sp</i>	S.B. (<i>Northwestern u.</i>) '03. Anatomy, Physiology	Kearney, Neb.
Abbott, Mabel, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '03. English, Romance	Chicago
Abel, Rose, <i>s</i>	A.B. (<i>u. of Kansas</i>) '01. English	Salina, Kan.
Abernathy, Mary Elizabeth, <i>s</i>	A.B. (<i>u. of Chicago</i>) '01. History	Chicago
Adams, Charles Frederick, <i>s</i>	B.Agr. (<i>u. of Missouri</i>) '07; A.M. (<i>u. of Kansas</i>) '03. Zoology, Paleontology	Independence, Mo.
Alexander, John L., <i>sp</i>	A.B. (<i>Ursinus c.</i>) '01. Sociology	Spring Forge, Pa.
Allen, Ezra, <i>s</i>	A.B. (<i>Bucknell u.</i>) '06; A.M. (<i>Ibid.</i>) '06. Neurology, Physiology	Dillon, Mont.
Allen, Tracy Thomas, <i>s</i>	A.B. (<i>Allegheny c.</i>) '02. Latin	Smethport, Pa.
Amos, Martin Conrad, <i>s</i>	A.B. (<i>Butler c.</i>) '01; Ph.B. (<i>u. of Chicago</i>) '01. Ro- mance, German	Cumberland, Ind.
Anderson, Carrie Olena, <i>a w</i>	A.B. (<i>u. of Kansas</i>) '05. German, Latin	Morganville, Kan.
Anderson, Daniel, <i>w</i>	A.B. (<i>Bethany c.</i>) '03. History	Everest, Kan.
Anderson, Ernest, <i>s</i>	S.B. (<i>u. of Texas</i>) '03; A.B. (<i>Trinity u.</i>) '03. Chemis- try, Botany	Tehuacana, Tex.
Anderson, Matilda Eloda, <i>s</i>	A.B. (<i>u. of Michigan</i>) '04. Geology	Port Huron, Mich.
Anderson, William Elijah, <i>s</i>	A.B. (<i>Wittenberg c.</i>) '02. Mathematics	Manassas, O.
Ansell, Nellie Maude, <i>s</i>	A.B. (<i>Washburn c.</i>) '00. Latin	Topeka, Kan.
Arminen, Kaarlo Vilhelme, <i>s</i>	A.M. (<i>u. of Helsingfors, Sweden</i>). Anatomy, Pathology	Hancock, Mich.
Armitage, Ambrose Wesley, <i>s</i>	Ph.B. (<i>Lawrence u.</i>) '00. English	Seymour, Wis.
Armstrong, A. Joseph, <i>s</i>	A.B. (<i>Wabash c.</i>) '02. English	Bloomington, Ill.
Arnett, Bertha Stetson, <i>a</i>	A.B. (<i>Des Moines c.</i>) '04. Romance, English	Chicago
Arnold, Frank Russell, <i>s</i>	A.B. (<i>Bowdoin c.</i>) '03. Romance, German	Braintree, Mass.
Arnoldson, Torild, <i>s a w sp</i>	Grad. Student (<i>Uppsala u., Sweden</i>). German	Chicago
Ashley, Winifred Mayer, <i>a sp</i>	S.B. (<i>u. of Chicago</i>) '03. Chemistry	Chicago
Auger, Charles, <i>s</i>	A.B. (<i>u. of Toronto</i>) '02. English, German	Elora, Can.
Austin, Marshie, <i>s</i>	B.L. (<i>Ohio Wesleyan u.</i>) '02. German	Wilmington, O.
Auten, Anna Rebecca, <i>s</i>	A.B. (<i>Oberlin c.</i>) '06. Anatomy, Physiology	Monica
Averill, William Armitage, <i>a w sp</i>	A.B. (<i>u. of Chicago</i>) '02. Geology, Geography	Chicago
Axtell, Frederick Gibbs, <i>s</i>	A.B. (<i>Wesleyan u.</i>) '88. Sanskrit	St. Paul, Minn.
Ayres, Hiram Douthitt, <i>s</i>	S.B. (<i>De Pauw u.</i>) '02; A.M. (<i>Cornell u.</i>) '04. Phys- ics, Mathematics	Greencastle, Ind.
Babcock, Earle Brownell, <i>s a w</i>	Ph.B. (<i>u. of Chicago</i>) '03. Romance, German (<i>tel.</i>)	Chicago
Baber, Zonia, <i>s sp</i>	S.B. (<i>u. of Chicago</i>) '04. Geology	Chicago
Bacon, Margaret Reardon, <i>a w sp</i>	Ph.B. (<i>u. of Chicago</i>) '04. English, Romance	Chicago
Bailey, John Franklin, <i>s</i>	A.B. (<i>Waynesburg c.</i>) '03; A.M. (<i>Columbia u.</i>) '04. Political Science	Khedive, Pa.
Bailey, Mark, Jr., <i>s a w sp</i>	A.B. (<i>u. of Oregon</i>) '88; A.B. (<i>Harvard u.</i>) '90; A.M. (<i>Ibid.</i>) '91. Latin, Greek	Tacoma, Wash.

THE GRADUATE SCHOOLS OF ARTS, LITERATURE, AND SCIENCE

NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Bailey, William Marshall, <i>s</i>	A.B. (<i>Campbell c.</i>) '01; S.B. (<i>Ibid.</i>) '02. Botany, Zoology.	Holton, Kan.
Baker, Edward Donald, <i>s</i>	A.B. (<i>u. of Chicago</i>) '03. History	Trenton, Mo.
Baker, Edward Hall, <i>a w sp</i>	A.B. (<i>Beloit c.</i>) '84. Physiology, Anatomy	New York City
Baker, Augusta Emma, <i>s</i>	A.B. (<i>u. of Minnesota</i>) '03. English	Austin, Minn.
Baker, Riley Andrew, <i>s</i>	S.B. (<i>u. of Texas</i>) '88. Chemistry	Dallas, Tex.
Barber, George Stanley, <i>a w sp</i>	A.B. (<i>u. of Wisconsin</i>) '05. Anatomy, Physiology	Lawton, Okla.
Barber, Gideon Lanning, <i>a w</i>	A.B. (<i>Union c.</i>) '67. Anatomy	Chicago
Barnard, Arthur Fairchild, <i>s</i>	A.B. (<i>Beloit c.</i>) '93. Latin, Greek	Chicago
Barnes, Edwin Allen, <i>s</i>	Ph.B. (<i>Western Reserve u.</i>) '03. Physics, Chemistry	Payne, O.
Barnes, Jasper Converse, <i>s</i>	A.B. (<i>Marietta c.</i>) '90; A.M. (<i>Ibid.</i>) '93. Political Economy, Political Science	Maryville, Tenn.
Barnum, Harry Huntington, <i>s a w sp</i>	A.B. (<i>Amherst c.</i>) '00. Mathematics	Constantinople, Turkey
Barrows, Harlan Harland, <i>a</i>	S.B. (<i>u. of Chicago</i>) '08. Geology, Geography	Chicago
Barton, Alvin Lester, <i>w sp</i>	A.B. (<i>u. of Chicago</i>) '00. History	Chicago
Baskerville, Catherine Quarles, <i>s</i>	A.B. (<i>Richmond c.</i>) '01. German	Edmond, Okla.
Baskerville, Charles Read, <i>s</i>	A.B. (<i>Vanderbilt u.</i>) '96; A.M. (<i>Ibid.</i>) '98. English	Edmond, Okla.
Bass, Horace Herbert, <i>s</i>	S.B. (<i>u. of Wisconsin</i>) '02; S.M. (<i>Ibid.</i>) '03. History	Anderson, Ind.
Bassett, Helena Marie, <i>sp</i>	A.B. (<i>u. of Chicago</i>) '06. Greek, Latin	Chicago
Bauer, Wilhelmina Babetta, <i>a w sp</i>	A.B. (<i>Washburn c.</i>) '05. Mathematics, Astronomy	Topeka, Kan.
Bauer, William Charles, <i>s</i>	S.B. (<i>u. of Cincinnati</i>) '96. Physics, Chemistry	Baldwin, Kan.
Baumgartner, Milton D., <i>s</i>	A.B. (<i>u. of Kansas</i>) '02; A.M. (<i>Ibid.</i>) '03. German	Newton, Kan.
Bear, Olive May, <i>s</i>	S.B. (<i>Knox c.</i>) '91. English	Decatur
Bechtell, Edith Lyon, <i>a</i>	L.B. (<i>u. of Wisconsin</i>) '95. English, German	Chicago
Bedford, Scott Elias William, <i>a w sp</i>	A.B. (<i>Baker u.</i>) '02; A.M. (<i>Ibid.</i>) '03. Sociology (<i>fel.</i>)	Osage City, Kan.
Beers, Ethel Ella, <i>s a w sp</i>	A.B. (<i>u. of Chicago</i>) '96. Latin	Chicago
Behnke, Ella, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '04. Romance	Davenport, Ia.
Beifus, Joseph, <i>a w</i>	A.B. (<i>u. of Chicago</i>) '02. German, English (<i>fel.</i>)	Chicago
Bell, Charles Thomas, <i>a w sp</i>	A.B. (<i>u. of Missouri</i>) '99. Anatomy	Maryville, Mo.
Bell, James Edgar, <i>s</i>	S.B. (<i>u. of Chicago</i>) '05. Chemistry, Zoology	Gettysburg, O.
Bell, Leon Edwin, <i>a w sp</i>	A.B. (<i>Northwestern u.</i>) '84; A.M. (<i>Ibid.</i>) '87. Psychology, Neurology	Chicago
Bell, Spurgeon, <i>s a w sp</i>	S.B. (<i>u. of Texas</i>) '02. Political Economy, History	Blanco, Tex.
Belland, Lily, <i>s</i>	A.B. (<i>u. of Chicago</i>) '02. Latin	Chicago
Beman, Edith Inez, <i>s</i>	Ph.B. (<i>Western Reserve u.</i>) '01. Geology	Cleveland, O.
Bennett, Julia Cora, <i>s</i>	S.B. (<i>u. of Wisconsin</i>) '96. Chemistry, Physiology	Cleveland, O.
Benson, Amelia Dodson, <i>s</i>	A.B. (<i>Woman's c. of Baltimore</i>) '03. Physics.	St. Michaels, Md.
Benson, Robert Louis, <i>w sp</i>	A.B. (<i>u. of Michigan</i>) '02; A.M. (<i>Ibid.</i>) '04. Pathology, Physiology (<i>fel.</i>)	Mt. Morris, Mich.
Berens, Helmut, <i>sp</i>	A.B. (<i>u. of Chicago</i>) '06. German	Elmhurst
Bernard, Ransom Drops, <i>s</i>	A.B. (<i>u. of Wisconsin</i>) '04. Anatomy, Physiology	Chicago
Bernstorff, Franklin Adolph, <i>s</i>	A.B. (<i>u. of Missouri</i>) '02. German.	Rushton, Kan.
Berry, Josephine Thorndyke, <i>s</i>	A.B. (<i>Kansas State u.</i>) '98; S.B. (<i>Columbia u.</i>) '04. Household Administration	Waterville, Kan.
Berry, Julius Edwin, <i>s</i>	S.B. (<i>Mississippi c.</i>) '02. English	Baldwyn, Miss.
Berry, Lillian Gay, <i>a w sp</i>	A.B. (<i>Indiana u.</i>) '99. Latin, Greek (<i>fel.</i>)	Bloomington, Ind.
Bevan, William Alfred, <i>s</i>	S.B. (<i>Iowa State c.</i>) '04. Physics, Astronomy	Ames, Ia.
Binford, Raymond, <i>s a w sp</i>	S.B. (<i>Earlham c.</i>) '01. Zoology, Chemistry	Guilford College, N. C.
Bingham, Walter Van Dyke, <i>s a w sp</i>	A.B. (<i>Beloit c.</i>) '01. Philosophy (<i>fel.</i>)	Estherville, Ia.
Birkhoff, George David, <i>a w sp</i>	A.B. (<i>Harvard u.</i>) '06. Mathematics, Physics (<i>fel.</i>)	Chicago

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NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Birr, William Edward, s	Ph.B. (<i>Northwestern c.</i>) '01. English	Chicago
Bissell, Esther Lucy, s	S.B. (<i>Cornell c.</i>) '92. English	Oregon
Bjorkland, Alfred, s sp	S.B. (<i>Drake u.</i>) '02.; S.M. (<i>Ibid.</i>) '03. Chemistry, Physics	Alta, Ia.
Black, John Graeme, s	A.B. (<i>Kenyon c.</i>) '74; A.M. (<i>Ibid.</i>) '84. Geology	Wooster, O.
Blatherwick, Alexander Arthur, a w sp	Ph.B. (<i>Iowa c.</i>) '05. Anatomy	Grinnell, Ia.
Blatherwick, George Washington, a w sp	Ph.B. (<i>Iowa c.</i>) '05. Anatomy	Grinnell, Ia.
Bliss, Guy Luvergne, sp	S.B. (<i>u. of Chicago</i>) '04. Physiology, Pathology	Sandwich
Blount, Mary Putnam, s a w sp	S.B. (<i>u. of Michigan</i>) '95. Zoology (<i>fel.</i>)	Byron
Boardman, Vincent Evan, s	L.B. (<i>Pacific u.</i>) '00; A.M. (<i>u. of Washington</i>) '04. History	Chicago
Bocock, Clarence Edgar, s	A.B. (<i>u. of Illinois</i>) '99. Zoology	Burley, Idaho
Bogard, Augustus, s	A.B. (<i>Bethel c.</i>) '96. Mathematics	Big Rock, Tenn.
Bonner, Annie Willson, a w	A.B. (<i>Toronto u.</i>) '90. English, Semitics	Ridgetown, Can.
Booz, Archie Charles, s	S.B. (<i>Knox c.</i>) '04. Physics, Chemistry	Adrian
Boss, Harriet E., sp	Ph.B. (<i>Albion c.</i>) '97. English	Caro, Mich.
Boswell, Thomas Edward, s	A.B. (<i>Colgate u.</i>) '00. Romance, German	Grand Island, Neb.
Bower, John Fulmer, s	A.B. (<i>Indiana u.</i>) '01. History	Fort Wayne, Ind.
Bowman, Nina Clare, s	A.B. (<i>Kansas State u.</i>) '98. Latin	Newton, Kan.
Boyd, Margaret Melissa, a w sp	A.B. (<i>Mississippi Industrial inst. and c.</i>) '03. Mathematics	Macon, Miss.
Bradford, John Ewing, s	A.B. (<i>Monmouth c.</i>) '89; D.B. (<i>Xenia Theological Sem.</i>) History	Media
Bramhall, Frederick Dennison, a w sp	Ph.B. (<i>u. of Chicago</i>) '02. Political Science	Chicago
Bramlette, Edgar Elliott, s	A.B. (<i>Vanderbilt u.</i>) '83. A.M. (<i>u. of Texas</i>) '86. German	Stephenville, Tex.
Branch, Anna Lane, s	A.B. (<i>Washington u.</i>) '95. Mathematics, Physics	Webster Groves, Md.
Brandenburg, Samuel Jacob, s	A.B. (<i>Miami u.</i>) '04. Sociology	Campbelltown, O.
Bretnall, George Herbert, s	A.B. (<i>Cornell c.</i>) '96; A.M. (<i>Ibid.</i>) '97. Botany	Monmouth
Breyer, John Henry, a w sp	A.B. (<i>Wheaton c.</i>) '05. Anatomy	Hinsdale
Bridge, Laura Belle, s	A.B. (<i>u. of Nebraska</i>) '99. Mathematics	Fremont, Neb.
Bridgman, Donald Elliott, a w sp	A.B. (<i>Hamline u.</i>) '03. Political Economy (<i>fel.</i>)	St. Paul, Minn.
Briggs, Larry, sp	A.B. (<i>u. of Michigan</i>) '05. History, Political Science	Manton, Mich.
Bristol, Anna Eloise, s	Ph.B. (<i>u. of Michigan</i>) '00. Latin	Webster Grove, Mo.
Broadus, Eleanor Hammond, a	A.B. (<i>u. of Chicago</i>) '02. History, Political Science	Vermilion, S. D.
Bronson, Christine Frederica, s	Ph.B. (<i>u. of Michigan</i>) '93. History	Morgan Park
Brookover, Dollie Hortense, s	A.B. (<i>Kansas State u.</i>) '01. German	Eureka, Kan.
Brown, Benjamin Henton, s	A.B. (<i>Washington and Lee u.</i>) '93. Anatomy	Waverly, Mo.
Brown, Edward John Frederick, s	A.M. (<i>u. of Nebraska</i>) Romance	Chicago
Brown, Fay Cluff, s	A.B. (<i>Indiana u.</i>) '04. Physics	Lyons, Ind.
Brown, Horatio Alford, w sp	A.B. (<i>u. of Wooster</i>) '02. Anatomy	Wooster, O.
Brown, Jeanette Swan, a w sp	— (<i>Radcliffe c.</i>) '85. Physics	Chicago
Brown, John Newman, s sp	A.B. (<i>Emory and Henry c.</i>) '04. Latin	Jackson, La.
Brown, Joseph Clifton, s	S.B. (<i>Hanover c.</i>) '01. Mathematics	Charleston
Brownlee, Helen, s	A.B. (<i>Mississippi Industrial inst. and c.</i>) '04. English	Port Gibson, Miss.
Brownlee, Martha Wilhelmine Tarnow, s	Ph.B. (<i>u. of Chicago</i>) '03. Chemistry	Chicago
Brumbaugh, Errol Vane, s	A.B. (<i>Baker u.</i>) '97; A.M. (<i>Wabash c.</i>) '00. Philosophy	Marshalltown, Ia.

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NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Bryan, William Henry, <i>s a w</i>	S.B. (u. of Chicago) '04. Physics, Chemistry	Salemville, O.
Buckborough, Siegel Abishai, <i>s</i>	A.B. (McMaster u.) '02; A.B. (Harvard u.) '03. Chemistry, Geology	Bookton, Can.
Buechler, Edna Marie, <i>sp</i>	A.B. (u. of Chicago) '06. History, Sociology	Chicago
Buedel, Mabel Jeannette, <i>s</i>	A.B. (Parsons c.) '02. German	Fairfield, Ia.
Buffum, Roy Luman, <i>a w sp</i>	A.B. (Williams c.) '05. Anatomy, Chemistry	Toulon
Burd, Mary, <i>s</i>	A.B. (u. of Kansas) '06. Latin, Greek	Wichita, Kan.
Burlingame, Leonas Lancelot, <i>sp</i>	A.B. (u. of Chicago) '06. Botany	Chicago
Burton, Emmette Young, <i>s</i>	A.B. (u. of Virginia) '02. Mathematics	Parnassus, Va.
Cabell, Elvira Daniel, <i>a</i>	Ph.B. (u. of Chicago) '02. English	Chicago
Calvert, Maud Hewitt, <i>s</i>	Ph.B. (u. of Chicago) '04. Romance	Peoria
Cameron, Effie Estella, <i>s</i>	A.B. (Drake u.) '02. English, Latin	Keswick, Ia.
Cammack, Ira Insko, <i>s</i>	S.B. (Earham c.) Political Economy, Sociology	Kansas City, Mo.
Campbell, Charles Boyle, <i>s</i>	Ph.B. (DePauw u.) '00. Romance, German	Arcola
Campbell, Harry Morgan, <i>s</i>	Ph.B. (Dickinson c.) '01. Chemistry	Verona, Pa.
Cannon, Madge Carrol, <i>s</i>	A.B. (Vanderbilt u.) '03. Latin	McKenzie, Tenn.
Capps, Joseph A., <i>s</i>	A.B. (Illinois u.) '91; A.M. (Harvard u.) '96. Pathology	Chicago
Capps, Sarah Ellen, <i>a</i>	Ph.B. (u. of Chicago) '98. German, Romance	Jacksonville
Capps, Stephen Reid, Jr., <i>s a w sp</i>	A.B. (u. of Chicago) '03. Geology (fel.)	Jacksonville
Carman, Joel Ernest, <i>s a w sp</i>	S.B. (Simpson c.) '01. Geology (fel.)	St. Charles, Ia.
Carr, Wilbert Lester, <i>a w sp</i>	A.B. (Drake u.) '98; A.M. (Ibid.) '99. Latin, Sanskrit	Mound City, Mo.
Carter, Lillian Gertrude, <i>s</i>	S.B. (Moore's Hill c.) '91. Botany.	Delaware, Ind.
Carter, Ralph Merle, <i>a w sp</i>	A.B. (u. of Illinois) '05. Anatomy, Neurology	Decatur
Catchings, Nancy Higginbotham, <i>a</i>	A.B. (Woman's c., Baltimore) '03. Romance (fel.)	Atlanta, Ga.
Cave, Charles Elmer, <i>s</i>	A.B. (Upper Iowa u.) '04. Latin	Ames, Ia.
Chalfant, May Effie, <i>s</i>	A.B. (Monmouth c.) '00. Latin	Oquawka
Chamberlain, Harriet E., <i>s</i>	Ph.B. (Oberlin u.) '96. Latin	Dubuque, Ia.
Charlton, Orlando Clarke, <i>s a w sp</i>	S.B. (Hanover c.) '72; A.M. (Ibid.) '85. Botany, Zoology	Chicago
Chase, David Gamble, <i>a w sp</i>	S.B. (u. of Nashville) '02. History	Ardon, Miss.
Cherington, Frank Barnes, <i>a w sp</i>	A.B. (Ohio Wesleyan u.) '99; A.B. (Harvard u.) '00; A.M. (Ibid.) '01. English	Lancaster, O.
Childs, Alpha Garrett Wright, <i>a w sp</i>	A.B. (Franklin c.) '97; A.M. (Ibid.) '99. Physiology (fel.)	Madison, Ind.
Childs, Ben, <i>s a w sp</i>	A.B. (Knox c.) '03. Anatomy	Keithsburg
Christenson, Andrew B., <i>s</i>	A.B. (u. of Michigan) '01. German	Salt Lake, Utah
Church, Anna, <i>s</i>	A.B. (u. of Nebraska) '00. English	Nebraska City, Neb.
Claassen, Peter A., <i>s w</i>	A.B. (u. of Kansas) '06. Romance.	Evanston
Clark, Clifford Pease, <i>s</i>	A.B. (Connecticut Wesleyan u.) '95. Latin, Greek	Wichita, Kan.
Clark, Edith Lanier, <i>s</i>	A.M. (u. of Texas) '01. English	Denton, Tex.
Clark, Elbert, <i>a</i>	S.B. (u. of Arkansas) '03. Anatomy, Physiology	Waldo, Ark.
Clark, Eva Gill, <i>s</i>	A.B. (Baker u.) '95; A.M. (Ibid.) '04. Latin	Manhattan, Kan.
Clark, Frederick William, <i>s</i>	A.B. (Manitoba u.) '92. Greek, Latin	Winnipeg, Can.
Clark, Wayland Blair, <i>a</i>	S.B. (Denison u.) '97; S.M. (Ibid.) '00. Chemistry (fel.)	Granville, O.
Clarke, Charles Robertson, <i>s</i>	A.B. (Indiana u.) '97. Anatomy	Auburn, Ind.
Clarke, Nellie Greene, <i>s</i>	A.B. (Iowa c.) '00. English	Grinnell, Ia.
Clarke, William Lowe, <i>s</i>	A.B. (Vanderbilt u.) '01. Latin	Lexington, Tenn.
Clawson, Edith, <i>a w sp</i>	A.B. (Western c., Oxford) '00; A.B. (u. of Chicago) '01. German, Romance	Hamilton, O.
Clendening, Maude Torrence, <i>s</i>	Ph.B. (u. of Chicago) '04. Geology	Chicago
Cleven, Nels Adrew Nelson, <i>sp</i>	Ph.B. (u. of Chicago) '06. History, Education	Wist, S. Dak.

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NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Clevenger, Charles Henry, <i>s</i>	S.B. (<i>Ohio State u.</i>) '02. Mathematics, Physics	Sidney, O.
Clifford, Oliver Charles, <i>s a w sp</i>	A.B. (<i>Oberlin c.</i>) '98. Physics, Mathematics (<i>fel.</i>)	Chicago
Coffman, George Raleigh, <i>s</i>	A.B. (<i>Drake u.</i>) '08. English	Lenox, Ia.
Cole, Fay Cooper, <i>a w</i>	S.B. (<i>Northwestern u.</i>) '03. Anatomy	Chicago
Colwell, Howard Griffith, <i>s</i>	A.B. (<i>William Jewell c.</i>) '97. Greek	St. Louis, Mo.
Conrad, Ashley Taylor, <i>s</i>	S.B. (<i>Northwestern u.</i>) '01. Botany	Chicago
Conrad, Sara Eugenie <i>s a</i>	A.B. (<i>u. of Nebraska</i>) '76. Romance	Kansas City, Mo.
Cooper, Clyde Barnes, <i>s</i>	A.B. (<i>u. of Nebraska</i>) '97; A.M. (<i>u. of Iowa</i>) '01. English	Lafayette, Ind.
Coonradt, Alice Twogood, <i>a w sp</i>	A.B. (<i>Rockford c.</i>) '05. Greek, Latin	Rockford
Corbett, Ralph, <i>a w sp</i>	A.B. (<i>u. of Wisconsin</i>) '05. Chemistry, Anatomy	Harvard
Corrie, Eugene, <i>s</i>	S.B. (<i>McKendrie c.</i>) '04. Mathematics	Bridgeport
Coulter, Vincil Carey, <i>a w sp</i>	Ph.B. (<i>Lagrange c.</i>) '99; A.B. (<i>William Jewell c.</i>) '08; A.M. (<i>Brown u.</i>) '05. English	Liberty, Mo.
Covert, Sara Eloina, <i>s</i>	S.B. (<i>Franklin c.</i>) '90. Latin	Franklin, Ind.
Covington, David Anderson, <i>a w sp</i>	A.B. (<i>Wake Forest c.</i>) '03; A.M. (<i>Ibid.</i>) '04. Greek, Latin (<i>fel.</i>)	Monroe, N. C.
Cowley, Elizabeth Buchanan, <i>s</i>	A.B. (<i>Vassar c.</i>) '01; A.M. (<i>Ibid.</i>) '02. Mathematics, Physics	Poughkeepsie, N. Y.
Craven, Luna, <i>s</i>	A.B. (<i>Eureka c.</i>) '05. English	Wichita, Kan.
Culmer, Myrtle Asbury, <i>s</i>	A.B. (<i>Ohio Wesleyan u.</i>) '02. Zoology, Geography	Denison, Ia.
Culver, James Washington, <i>s</i>	S.B. (<i>Alabama Polytechnic inst.</i>) '96; S.M. (<i>Ibid.</i>) '98. Mathematics	Sherman, Tex.
Cunningham, Emma Nettie, <i>s</i>	Ph.B. (<i>Western c. Ia.</i>) '00; Ph.B. (<i>u. of Chicago</i>) '05. English	Hansell, Ia.
Damon, Alice Bond, <i>a w sp</i>	A.B. (<i>Wellesley c.</i>) '98. Zoology	Framingham, Mass.
Darby, Arleigh Lee, <i>s</i>	A.B. (<i>Waynesburg c.</i>) '99. Latin, Romance	Waynesburg, Pa.
Darling, Walter Gregory, <i>a w sp</i>	A.B. (<i>u. of Wisconsin</i>) '05. Anatomy	Crystal Falls, Mich.
David, Charlotte Tenney, <i>a w</i>	L.B. (<i>Mt. Holyoke</i>) '94; A.B. (<i>Ibid.</i>) '04. English	Chicago
Davidson, David McLeod, <i>s a w sp</i>	A.B. (<i>Tulane u.</i>) '04. Chemistry	New Orleans, La.
Davidson, Eleanor Gaddis, <i>w sp</i>	A.B. (<i>Wells c.</i>) '05. Philosophy, Sociology	Chicago
Davidson, Margaret, <i>a w sp</i>	Ph.B. (<i>u. of Chicago</i>) '02. English (<i>fel.</i>)	Chicago
Davis, Calvin Olin, <i>s</i>	A.B. (<i>u. of Michigan</i>) '95; A.M. (<i>Ibid.</i>) '04. Philosophy	South Bend, Ind.
Davis, Henry Campbell, <i>s</i>	A.B. (<i>South Carolina c.</i>) '98. English, German	Columbia, S. C.
Davis, Mary Alice, <i>s</i>	A.B. (<i>Wellesley c.</i>) '96. English	Chicago
Davis, Robert Gaylord, <i>a w sp</i>	S.B. (<i>Simpson c.</i>) '05. Anatomy	Indianola, Ia.
Davis, Walter Scott, <i>s</i>	A.B. (<i>DePauw u.</i>) '89; A.M. (<i>Cornell u.</i>) '92. History, Political Science	Richmond, Ind.
Davis, William Reese, <i>a sp</i>	A.B. (<i>Ripon c.</i>) '01. English	Chicago
Dawson, John Charles, <i>s</i>	A.B. (<i>Georgetown c.</i>) '01. Romance	Falmouth, Ky.
Day, Artemus Lawrence, <i>s</i>	S.B. (<i>u. of Chicago</i>) '05. Botany	Mt. Carmel, O.
Deadwick, Thomas Oakley, <i>s</i>	A.B. (<i>u. of Tennessee</i>) '72; A. M. (<i>Ibid.</i>) '80. Latin, Romance	Clarksville, Tenn.
DeCew, Louisa Carpenter, <i>s</i>	S.B. (<i>u. of Chicago</i>) '98. Geology	Chicago
Deere, Gilbert Demarel, <i>s</i>	Ph.B. (<i>Franklin c.</i>) '03. Political Science	Franklin, Ind.
DeLury, Ralph Emerson, <i>s</i>	A.B. (<i>Toronto u.</i>) '08; A.M. (<i>Ibid.</i>) '04. Chemistry	Manilla, Can.
Dickson, George Alexander, <i>s</i>	A.B. (<i>Washington and Jefferson c.</i>) '94; A.M. (<i>Ibid.</i>) '97. History	New Castle, Pa.
Dochweiler, Edith Elizabeth, <i>a w sp</i>	A.B. (<i>Butler c.</i>) '05. English, German	Indianapolis, Ind.
Donaldson, Olive, <i>s</i>	A.B. (<i>u. of Chicago</i>) '99. Greek	Leipsic, O.
Doniat, Josephine C., <i>s</i>	A.B. (<i>u. of Chicago</i>) '00. German	Chicago
Doseff, Dose, <i>a w</i>	S.B. (<i>Whitworth c.</i>) '05. Anatomy	Tacoma, Wash.

THE GRADUATE SCHOOLS OF ARTS, LITERATURE, AND SCIENCE

NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Douglass, Walter Woodroe, <i>s</i>	A.B. (u. of Kansas) '98. English	Kansas City, Kan.
Dowell, Martha Caroline, <i>s</i>	A.B. (u. of Chicago) '05. Latin	McKinney, Tex.
Dowell, Sareva, <i>s</i>	A.B. (Amity c.) '93; A.M. (Ibid.) '99. Latin	York, Neb.
Dowling, Evaline Pearl, <i>s</i>	Ph.B. (u. of Chicago) '05. English	Denver, Colo.
Drayer, Howard C., <i>s</i>	A.B. (Hedding c.) '96. Botany	St. Louis, Mo.
Drew, David Abbott, <i>s</i>	A.B. (Savanna u.) '88; A.M. (Ibid.) '91. Astronomy, Mathematics	Baraboo, Wis.
Duncombe, Frances Evaline, <i>s</i>	A.B. (u. of Nebraska) '97. English	Lincoln, Neb.
Dunn, Elizabeth Hopkins, <i>w</i>	A.B. (Iowa c.) '89; A.M. (Ibid.) '92. Neurology	Chicago
Dutton, Charlotte Reed, <i>a w sp</i>	Ph.B. (u. of Chicago) '06. History	Meadville, Pa.
Dye, Alexander Vincent, <i>s</i>	A.B. (William Jewell c.) '01; A.M. (Ibid.) '02. German	Liberty, Mo.
Easterling, Elbert Daniel, <i>s</i>	A.B. (South Carolina c.) '00. Mathematics	Bennettsville, S. C.
Edenfield, Robert Wilson, <i>s</i>	A.B. (Mercer u.) '01. Mathematics	Cave Spring, Ga.
Edgar, Russell Bliss, <i>s</i>	S.B. (u. of Alabama) '02; S.M. (Ibid.) '03. Mathematics	Montgomery, Ala.
Eggers, Harold Everitt, <i>a w sp</i>	S.B. (u. of Wisconsin) '03. Anatomy	Two Rivers, Wis.
Elias, Edward, <i>s</i>	A.B. (Harvard u.) '00. German	Lafayette, Ind.
Elliott, Addison Eugene, <i>w sp</i>	S.B. (Knox c.) '03. Physiology	Table Grove
Elliott, Elizabeth Beatty, <i>s</i>	Ph.B. (Colorado c.) '01. English	Monument, Colo.
Emerson, Frederick Valentine, <i>a w sp</i>	A.B. (Colgate u.) '98. Geography, Geology (<i>fel.</i>)	Union City, Pa.
Emery, William Thomas, <i>s</i>	S.B. (Beloit c.) '00. Physics, Chemistry	La Crosse, Wis.
Emrich, Cora Maria, <i>s</i>	A.B. (Butler c.) '00; Ph.B. (u. of Chicago) '01. English	Indianapolis, Ind.
Engle, Irene Victoria, <i>sp</i>	A.B. (u. of Chicago) '06. English	Austin
Erskine, Lucile, <i>s</i>	A.B. (Washington u.) '01. English	St. Louis, Mo.
Evans, Alvin Eleazer, <i>s</i>	A.B. (Cotner u.) '96; A.M. (u. of Nebraska) '98. Greek, Latin	Bethany, Neb.
Everett, Mrs. Naomi, <i>s</i>	Ph.B. (u. of Chicago) '02. Romance	Huntington, West Va.
Fahnestock, Edith, <i>s</i>	L.B. (Western Reserve u.) '94. Romance	Cleveland, O.
Faris, Ellsworth Eugene, <i>sp</i>	S.B. (Add-Rau u.) '94. Semitics, History	Dallas, Tex.
Faulkner, Elizabeth, <i>a</i>	A.B. (Old u. of Chicago) '83. Greek	Chicago
Faurot, Albert Alfred, <i>s</i>	L.B. (u. of Nebraska) '91; A.M. (Ibid.) '95. German	Racine, Wis.
Ferguson, Mara Lu, <i>a</i>	L.B. (Berea c., Ky.) '02; Ed.B. (College of Education, u. of Chicago) '02. Geology	West Springfield, Pa.
Ferris, Sarah Lucile, <i>a w sp</i>	A.B. (Milwaukee Downer c.) '98; A.B. (Radcliffe c.) '99; A.M. (Ibid.) '00. Latin	Chicago
Field, Floyd, <i>a</i>	A.B. (Willamette u.) '97; A.B. (Harvard u.) '00; A.M. (Ibid.) '02. Mathematics	Evanston
Filson, David Elliott, <i>s</i>	A.B. (Lafayette c.) '96; A.M. (Princeton u.) '98. Mathematics	Easton, Pa.
Finkbeiner, Thomas, <i>s</i>	D.B. (Northwestern u.) '96; Ph.M. (Ibid.) '04. German	Naperville
Fischer, Alfred Herman, <i>s</i>	A.B. (Wheaton c.) '03. Mathematics	Elmhurst
Fischer, Augustus Radcliffe, <i>s</i>	Ph.B. (u. of Chicago) '05. History	Chicago
Flagg, Elizabeth Gorsline, <i>s</i>	A.B. (u. of Wyoming) '98. Mathematics	Frankfort, Kan.
Flammer, Ernest, <i>a</i>	S.B. (u. of California) '03. Physics (<i>fel.</i>)	Berkeley, Cal.
Flinn, Thomas Edwin, <i>a w sp</i>	A.B. (Macalester c.) '05. Anatomy	Redwood Falls, Minn.
Flint, Helen Currier, <i>s</i>	A.B. (Mt. Holyoke c.) '91. Greek	Concord, N. H.
Fogle, David Edgar, <i>s</i>	A.M. (Georgetown c.) '95. Latin, Romance	Georgetown, Ky.
Foudray, Elbertie, <i>s</i>	S.B. (Northwestern u.) '03. Chemistry	Evanston
Fowler, Earle Broadus, <i>a w sp</i>	A.B. (Wake Forest c.) '03. English, Romance	Rolesville, N. C.
Frank, Hannah, <i>sp</i>	Ph.B. (u. of Chicago) '06. Romance, Latin	Jefferson Park
Frankham, Charles R., <i>s</i>	A.B. (Otterbein u.) '96; A.M. (Ohio State u.) '03; LL.B. (Ibid.) '04. Political Science.	Columbus, O.

THE GRADUATE SCHOOLS OF ARTS, LITERATURE, AND SCIENCE

NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Franklin, Martha Anderson, <i>s</i>	A.M. (<i>Randolph-Macon Woman's c.</i>) '97. Chemistry	Lynchburg, Va.
Frazeur, Annie Laurie, <i>s</i>	A.B. (<i>u. of Chicago</i>) '01. Latin	Normal
Frees, Caroline Emily, <i>s</i>	Ph.B. (<i>Des Moines c.</i>) '03. English	Des Moines, Ia.
Fretwell, Elbert Kirtley, <i>a w sp</i>	Ph.B. (<i>La Grange c.</i>) '99; A.M. (<i>Ibid.</i>) '04; A.M. (<i>Brown u.</i>) '05. English	Williamstown, Mo.
Freud, Benjamin Ball, <i>s w</i>	S.B. (<i>u. of Chicago</i>) '04. Chemistry	Chicago
Fry, Erma Marie, <i>s</i>	A.B. (<i>Midland c.</i>) '03. English	Abilene, Kan.
Fuhs, Isidore Harlem, <i>s</i>	A.B. (<i>Indiana u.</i>) '05. Pathology	Mt. Vernon, Ind.
Fuller, Nellie Adele, <i>a w sp</i>	A.B. (<i>u. of Chicago</i>) '05. Latin, History	Chicago
Fulton, Jane Turner, <i>sp</i>	A.B. (<i>Iowa c.</i>) '00. Latin, History, English	Atlantic, Ia.
Furlong, Thomas Henry, <i>s</i>	S.B. (<i>u. of Chicago</i>) '01. Physics, Mathematics	Chicago
Gaensale, Carl, <i>s</i>	Dip. (<i>Concordia c.</i>) '98. History, Latin	Milwaukee, Wis.
Gage, Dora Inez, <i>s</i>	A.B. (<i>u. of Michigan</i>) '04. Philosophy	Chicago
Gardner, Wright Austin, <i>s</i>	S.B. (<i>Albion c.</i>) '02. Botany.	Peoria
Gavin, Helena, <i>w</i>	Ph.B. (<i>u. of Chicago</i>) '05. General Literature	Walworth, Wis.
Geigley, Amanda Eddy, <i>a w sp</i>	S.B. (<i>Knox c.</i>) '01. Zoology	Chicago
George, Katy Boyd, <i>sp</i>	A.B. (<i>Industrial inst. and c., Columbus, Miss.</i>) '04 German, Romance	Hattiesburg, Miss.
Gilchrist, Lachlan, <i>a w sp</i>	A.B. (<i>u. of Toronto</i>) '04; A.M. (<i>Ibid.</i>) '05. Physics, Chemistry (<i>fel.</i>)	Toronto, Can.
Gilman, Albert Franklin, <i>s</i>	S.B. (<i>Amherst c.</i>) '97; A.M. (<i>Ibid.</i>) '01. Chemistry	Maryville, Tenn.
Gilmer, Albert Hatton, <i>s</i>	S.B. (<i>Knox c.</i>) '00. English	Detroit, Mich.
Gilson, Franklin Leonard, <i>s</i>	Ph.B. (<i>Upper Iowa u.</i>) '99. English	Winfield, Kan.
Gittinger, Roy, <i>s</i>	A.B. (<i>u. of Oklahoma</i>) '02. History	Norman, Okla.
Goettsch, Emil, <i>a w sp</i>	S.B. (<i>u. of Chicago</i>) '03. Anatomy (<i>fel.</i>)	Davenport, Ia.
Gomez, Liborio y Pineda, <i>s a w sp</i>	A.B. (<i>San Juan de Letran</i>) '03. Physiology	Calumpit, P. I.
Goodman, Herbert Marcus, <i>a w sp</i>	S.B. (<i>u. of Chicago</i>) '05. Pathology	Chicago
Gorby, John William, <i>s a w sp</i>	A.B. (<i>Marietta c.</i>) '01; A.M. (<i>u. of Arizona</i>) '03. English	Chicago
Gore, Herbert Charles, <i>s</i>	S.B. (<i>u. of Michigan</i>) '96. Chemistry	Washington, D. C.
Gould, James Edward, <i>s</i>	Ph.B. (<i>u. of Washington</i>) '96. Mathematics	Chicago
Graham, Evarts Ambrose, <i>s sp</i>	A.B. (<i>Princeton u.</i>) '04. Pathology	Chicago
Granberry, Elizabeth Walker, <i>s w</i>	Ph.B. (<i>u. of Chicago</i>) '04. English	Chicago
Grave, Benjamin Harrison, <i>s</i>	S.B. (<i>Earlham c.</i>) '03. Botany	Monrovia, Ind.
Green, Susan Allen, <i>a w sp</i>	S.B. (<i>Smith c.</i>) '05. Botany	Wakefield, Mass.
Griffith, Dudley David, <i>s</i>	A.B. (<i>Simpson c.</i>) '03. Greek	Council Bluffs, Ia.
Groman, Herman Charles, <i>s</i>	A.B. (<i>Yale u.</i>) '04. Pathology, Anatomy	Odebolt, Ia.
Gronow, Hans Ernst, <i>s a w</i>	Ph.B. (<i>u. of Chicago</i>) '05. German (<i>fel.</i>)	Chicago
Grose, Merritt Roy, <i>a w sp</i>	A.B. (<i>Findlay c.</i>) '05. English	Findlay, O.
Guazon, Patenciano C., <i>s a</i>	A.B. (<i>Ateneo de Manila</i>) '03. Pathology, Physiology	Paudakan, Manila, P. I.
Gumm, Charles Clayton, <i>s</i>	A.B. (<i>Washington c.</i>) '00; A.M. (<i>Vanderbilt u.</i>) '02. English	Showell, Md.
Guthrie, Charles Claude, <i>s w sp</i>	S.B. (<i>Woodlawn inst.</i>) '97; M.D. (<i>u. of Missouri</i>) '01. Pathology	Columbia, Mo.
Haas, William Herman, <i>s</i>	A.B. (<i>u. of Chicago</i>) '02. English	Bellevue, O.
Hale, Berdena Mabel, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '99. English	Oshkosh, Wis.
Hall, Elizabeth Asenath, <i>a w sp</i>	A.B. (<i>Indiana u.</i>) '05. English	Chicago
Hall, Elizabeth Twining, <i>s</i>	A.B. (<i>u. of Illinois</i>) '00; A.M. (<i>Ibid.</i>) '01. English	Downs
Hall, Ernest Mosiah, <i>s</i>	A.B. (<i>Brigham Young c.</i>) '05. Botany	Logan, Utah
Hall, George W., <i>s</i>	S.B. (<i>Nebraska c.</i>) '90. Neurology	Chicago
Hall, Gertrude Ella, <i>s a w</i>	A.B. (<i>Cornell u.</i>) '97. German (<i>fel.</i>)	Albany, N. Y.

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NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Ham, Ernest Guy, <i>s</i>	A.B. (<i>Dartmouth c.</i>) '94. Latin	Randolph, Vt.
Hance, James Harold, <i>s</i>	S.B. (<i>Northwestern u.</i>) '01. Chemistry	Chicago
Hanchett, William MacMicken, <i>s a w sp</i>	A.B. (<i>Harvard u.</i>) '03. Physiology, Anatomy	Council Bluffs, Ia.
Hann, Frank L., <i>a w sp</i>	Ph.B. (<i>Cornell c.</i>) '02; Ph.M. (<i>Ibid.</i>) '03. Chemistry	Mount Vernon, Ia.
Hanna, Genevieve, <i>s</i>	A.B. (<i>Mt. Union c.</i>) '00. Mathematics, English	Middle Point, O.
Hansen, Arthur Walter, <i>sp</i>	Ph.B. (<i>Lawrence u.</i>) '03. Law	Appleton, Wis.
Hanson, Daisy May, <i>s</i>	A.B. (<i>u. of Nebraska</i>) '01. Physiology, Neurology	Lincoln, Neb.
Hardin, John Alexander, <i>s</i>	A.B. (<i>u. of Tennessee</i>) '03. Mathematics	Sweetwater, Tenn.
Harms, Frank Henry, <i>s a</i>	Ph.B. (<i>u. of Chicago</i>) '99. Anatomy, Physiology	Chicago
Harper, Samuel Northrup, <i>s a w</i>	A.B. (<i>u. of Chicago</i>) '02. Political Science	Chicago
Harris, Lenna Pearl, <i>s</i>	A.B. (<i>Knox c.</i>) '96. Latin, English	Keosauqua, Ia.
Hart, Harriet, <i>s</i>	A.B. (<i>u. of Nebraska</i>) '05. Geology, Physics	Lincoln, Neb.
Hartigan, Eugene Lawrence, <i>a w sp</i>	Ph.B. (<i>u. of Chicago</i>) '04. Anatomy, Zoology	Chicago
Haskins, Beatrice, <i>s</i>	A.B. (<i>u. of Michigan</i>) '02. English	Jackson, Mich.
Hasslock, Augusta Thekla, <i>s</i>	S.B. (<i>u. of Tennessee</i>) '02. Geology	Nashville, Tenn.
Hatfield, Walter Wilbur, <i>a w</i>	A.B. (<i>Illinois c.</i>) '02. Psychology	Chicago
Hayden, Floyd Smith, <i>a w sp</i>	A.B. (<i>Indiana u.</i>) '05. English	Lowell, Ind.
Hayes, Joseph William, <i>s a w sp</i>	A.B. (<i>Amherst c.</i>) '03. Philosophy (<i>fel.</i>)	Rochester, N. Y.
Hayes, Mary Holmes Stevens, <i>s a w sp</i>	A.B. (<i>u. of Wisconsin</i>) '04. Psychology, Philosophy	Chicago
Heath, Harry Colson, <i>s</i>	S.B. (<i>Cornell c.</i>) '03. Geology	Clear Lake, Ia.
Henderson, Sara Emily, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '02. English	Knoxville, Ia.
Henry, Elizabeth, <i>sp</i>	Ph.B. (<i>u. of Chicago</i>) '00. English	Camp Point
Hibbard, Laura Alandis, <i>s</i>	A.B. (<i>Wellesley c.</i>) '05. English	Chicago
Higgins, Annas, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '03. Education	Chicago
Highley, Aiden Marvin, <i>s</i>	A.B. (<i>Indiana u.</i>) '03. Mathematics	Converse, Ind.
Hill, Albert Ellsworth, <i>s a sp</i>	A.B. (<i>u. of Chicago</i>) '99. English	Chicago
Hill, Flora Elsie, <i>s</i>	L.B. (<i>u. of Michigan</i>) '99; A.M. (<i>Ibid.</i>) '05. English	Marquette, Mich.
Hill, Mbessa, <i>s</i>	A.B. (<i>Hanover c.</i>) '04. Latin.	Hanover, Ind.
Hill, Sarah Deborah, <i>s</i>	A.B. (<i>Earlham c.</i>) '01. Romance, German	Richmond, Ind.
Hills, Thomas McDougall, <i>s a w sp</i>	Ph.B. (<i>Wooster u.</i>) '02. Geology	Wooster, O.
Hinckley, Franklin Arza, <i>s a w sp</i>	S.B. (<i>Brigham Young c.</i>) '01. Physics	St. Johns, Ariz.
Hinckley, Theodore Ballou, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '04. English	Chicago
Hinkle, Martha E., <i>a</i>	L.B. (<i>Northwestern u.</i>) '01. English	Chicago
Hinkle, Edgar Clayton, <i>s</i>	A.B. (<i>Indiana u.</i>) '01. Mathematics	Winona, Minn.
Hoebke, Ada Mary, <i>a</i>	A.B. (<i>Kalamazoo c.</i>) '04. English, History, German	Kalamazoo, Mich.
Hogan, Edgar Poe, <i>s</i>	A.B. (<i>Harvard u.</i>) '93; A.M. (<i>Ibid.</i>) '99. Anatomy	Birmingham, Ala.
Holbrook Estelle, <i>sp</i>	A.B. (<i>Mt. Holyoke c.</i>) '94. Education	Chicago
Hole, Allen David, <i>s</i>	S.B. (<i>Earlham c.</i>) '97; A.M. (<i>Ibid.</i>) '01. Geology	Richmond, Ind.
Holmes, Harriet Fay, <i>a sp</i>	A.B. (<i>Vassar c.</i>) '95. Chemistry, Physiology	Chicago
Holmes, Harry Nicholls, <i>s</i>	S.B. (<i>Westminster c.</i>) '99. Chemistry	Valant, Pa.
Hopkins, Albert Lafayette, <i>s a w sp</i>	A.B. (<i>u. of Chicago</i>) '05. Political Economy (<i>fel.</i>)	Hickory, Miss.
Hopkins, Annette Brown, <i>s</i>	A.B. (<i>Woman's c. of Baltimore</i>) '01. English	Baltimore, Md.
Hopkins, Louis Allen, <i>a w sp</i>	A.B. (<i>Buller c.</i>) '05. Mathematics	Kokomo, Ind.
Hornbrook, Adelia Roberts, <i>s</i>	A.B. (<i>Indiana u.</i>) '93; A.M. (<i>Ibid.</i>) '94. Philosophy	Chicago
Hornor, Vara Edmondson, <i>s</i>	S.B. (<i>Baylor c.</i>) '01. English	Waco, Tex.
Hornstein, Frederick, <i>w sp</i>	Ph.B. (<i>u. of Chicago</i>) '05. Philosophy	Chicago
Horton, Jessie Margaret, <i>s</i>	A.B. (<i>u. of Michigan</i>). Pathology	Chicago
Hoopes, Cecilia, <i>s</i>	A.B. (<i>Washington u.</i>) '96; A.M. (<i>Ibid.</i>) '02. German	St. Louis, Mo.

THE GRADUATE SCHOOLS OF ARTS, LITERATURE, AND SCIENCE

NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Hoss, Elizabeth Katherine, <i>a w sp</i>	A.B. (u. of Chicago) '04. English	Greenwood, La.
House, Ralph Emerson, <i>s</i>	L.B. (u. of Missouri) '00; A.M. (<i>Ibid.</i>) '00. Romance	Salt Lake, Utah
Hovde, Carl Herman Rieber, <i>a w sp</i>	A.B. (Luther c.) '04. Anatomy, Physiology	Blair, Wis.
Howard, Randolph Levi, <i>s</i>	A.B. (Shurtleff c.) '05. Latin, Greek	Fremont
Hoy, Nathaniel Elisha, <i>a</i>	A.B. (Macalester c.) '01. English	Winthrop, S.D.
Hubbard, Alice Philena Felicia, <i>s</i>	S.B. (u. of Texas) '00; S.M. (<i>Ibid.</i>) '02. Romance	Austin, Tex.
Hudson, Jessie Blanche, <i>sp</i>	S.B. (Iowa c.) '93; L.B. (<i>Ibid.</i>) '93. Mathematics, Physics, Geology	Hampton, Ia.
Hudson, Mary Cornelia, <i>s</i>	A.B. (Mississippi Industrial inst. and c.) '99. History	Columbus, Miss.
Hughes, William Talmadge, <i>a w sp</i>	S.B. (Yankton c.) '05. Anatomy	Braymer, Mo.
Huguenin, Edith, <i>s</i>	Ph.B. (u. of Chicago) '01. Philosophy	Wilmette
Hurt, Arthur Curtis, <i>s</i>	A.B. (u. of Nashville) '03. Greek	Fort Worth, Tex.
Hurt, Huber William, <i>s</i>	S.B. (Iowa Wesleyan u.) '03. Philosophy	Oskaloosa, Ia.
Hyde, Emma, <i>s</i>	A.B. (u. of Kansas) '99. Mathematics	Iola, Kan.
Ichinohe, Naozo, <i>a w sp</i>	Rigakushi (Imperial u.) Astronomy	Hirosaki, Japan.
Imba, Robert Francis, <i>a</i>	A.B. (St. Louis u.) '05. Chemistry	St. Louis, Mo.
Ingold, Louis, <i>a w sp</i>	A.B. (u. of Missouri) '01; A.M. (<i>Ibid.</i>) '02. Mathematics (<i>fel.</i>)	Columbia, Mo.
Ito, Jiniro, <i>a w</i>	Grad. (Waseda u., Japan) '03. Political Economy	Tokyo, Japan
Jack, Alta Ella, <i>s</i>	A.B. (Baylor u.) '01. Greek	Waco, Tex.
Jackson, Dennis Emerson, <i>s</i>	A.B. (Indiana u.) '04. Physiology	Linton, Ind.
Jackson, George Pullen, <i>s</i>	Ph.B. (u. of Chicago) '04. German	Chicago
Jackson, Leila DeEtte, <i>a w sp</i>	A.B. (Ripon c.) '95. Anatomy, Physiology	Fond du Lac, Wis.
Jackson, Nell Elsie Louise, <i>s</i>	S.B. (u. of Chicago) '04. Botany, Zoology	Chicago
Jacobs, Edwin Elmer, <i>s</i>	Ph.B. (Wooster u.) '01. Botany, Geology	Sullivan, O.
Jacobson, Conrad, <i>w</i>	Ph.B. (Beloit c.) '00. Pathology	Chicago
Jacobson, Katherine, <i>s</i>	A.B. (u. of Minnesota) '02. Romance, German	Chicago
Jacobus, Elizabeth Bryan, <i>s</i>	L.B. (Ottawa u.) '92; Ph.M. (<i>Ibid.</i>). English, Romance, German	Ottawa, Kan.
Jamieson, William Duffem, <i>a</i>	L.B. (Notre Dame u.) '05. English	Chicago
Jardine, James Tertious, <i>s</i>	S.B. (Agricultural c. of Utah) '05. English	Logan, Utah
Jennings, William Silver, <i>s</i>	A.B. (Ohio State u.) '04. German	Eton, O.
Jensen, George Christian, <i>s</i>	A.B. (Brigham Young c.) '03. English	Logan, Utah
Jernegan, Marcus Wilson, <i>sp</i>	A.B. (Brown u.) '96; A.M. (<i>Ibid.</i>) '98. History,	Edgartown, Mass.
Johnson, Alta, <i>a w sp</i>	Ph.B. (u. of Colorado) '93. Mathematics, Physics	Mooreville, Ind.
Johnson, Carman Cover, <i>s</i>	A.B. (Juniata c.) '01. History	Huntingdon, Pa.
Johnson, Clarence Edward, <i>s a w sp</i>	A.M. (South Carolina c.) '95. English	Union, S. C.
Johnson, Edward, <i>a w sp</i>	S.B. (South Dakota Agricultural c.) '02; A.M. (u. of Nebraska) '04. History, Political Science	Toronto, S. D.
Johnson, Elijah Newton, <i>s</i>	A.B. (Drake u.) '93; A.M. (<i>Ibid.</i>) '95. Mathematics, Astronomy	Indianapolis, Ind.
Johnson, Guy McKevitt, <i>a w</i>	A.B. (u. of Michigan) '05. Pathology, Anatomy	Middleville, Mich.
Johnson, Martha Frances, <i>a w sp</i>	A.B. (u. of Wisconsin) '05. Anatomy	Kokomo, Ind.
Johnson, Rachel, <i>s</i>	A.B. (u. of Chicago) '00. Latin, Greek	LaGrange, Mo.
Johnson, Virgie Graham, <i>s</i>	S.B. (Baylor u.) '96. English, History	Lancaster, Tex.
Johnston, Pliny Andrew, <i>s</i>	A.B. (Cincinnati u.) '01. History, Philosophy, English	Cincinnati, O.
Johnston, Samuel Carlisle, <i>s</i>	A.B. (Colgate u.) '84; A.M. (<i>Ibid.</i>) '87. Latin, Greek	Chicago
Johnstone, Ernest Marshall, <i>a w sp</i>	S.B. (Pomona c.) '04. Anatomy	San Dimas, Cal.
Jones, Anna Susan, <i>s</i>	A.B. (u. of Michigan) '89. Latin	Grand Rapids, Mich.
Jones, Ernest Scott, <i>s a</i>	A.B. (Vanderbilt u.) '97; A.M. (<i>Ibid.</i>) '98. Botany	Kansas City, Mo.

THE GRADUATE SCHOOLS OF ARTS, LITERATURE, AND SCIENCE

NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Jones, Roger Miller, <i>a w sp</i>	A.B. (<i>Denison u.</i>) '05. Greek, Latin	Newark, O.
Jones, Walter Philip, <i>s</i>	A.B. (<i>Emory c.</i>) '01. Psychology	Rome, Ga.
Jordan, Frank Craig, <i>a w sp</i>	Ph.B. (<i>Marietta c.</i>) '89; A.M. (<i>Ibid.</i>) '92. Astronomy, Mathematics (<i>fel.</i>)	Colorado Springs, Colo.
Kaufman, Gustav Leonard, <i>sp</i>	S.B. (<i>u. of Chicago</i>) '06. Physiology, Anatomy	Chicago
Kaufman, Agnes Joslyn, <i>s</i>	A.B. (<i>u. of Chicago</i>) '03. Geology	Chicago
Kean, Hugh Pratt, <i>sp</i>	A.B. (<i>Albion c.</i>) '06. Astronomy, Mathematics, Physics	Buchanan, Mich.
Kelley, Edmund Levi, Jr., <i>s</i>	Ph.B. (<i>State u. of Iowa</i>) '03. Education, Mathematics	Lamoni, Ia.
Kellogg, Anna Allen, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '08. German	Peoria
Kendrick, Eva May, <i>a w sp</i>	A.B. (<i>Woman's c. of Baltimore</i>) '05. English, German	Columbus Junction, Ia.
Kennedy, Alfred, <i>s</i>	A.M. (<i>Queen's u.</i>) '01. Mathematics	Kingston, Can.
Kennedy, Benjamin, <i>s</i>	S.B. (<i>South Carolina Military a.</i>) '01. History, English	Hartsville, S. C.
Kennedy, Mary Elizabeth, <i>s</i>	Ph.B. (<i>Oberlin c.</i>) '99; A.M. (<i>Ibid.</i>) '00. Botany	Oberlin, O.
Kilbourne, Bessie Margaret, <i>s</i>	A.B. (<i>Doane c., Neb.</i>) '03. English, Romance	Lancaster, Wis.
Kildahl, Nilsine Johanna, <i>s a w sp</i>	A.B. (<i>u. of North Dakota</i>) '98; A.M. (<i>Ibid.</i>) '00. Botany	Masa, N. D.
Kilgore, Lizzie Selden, <i>w sp</i>	A.B. (<i>Kansas u.</i>) '03. English, History	Wichita, Kan.
Kimmons, John H., <i>s</i>	S.B. (<i>Drury c.</i>) '95; A.B. (<i>Harvard u.</i>) '98. Physics, Zoology	Chicago
King, James Sherman, <i>s</i>	A.B. (<i>Northwestern u.</i>) '01. German	Russell
King, Joseph Wood, <i>s</i>	S.B. (<i>Alabama Polytechnic inst.</i>) '98; S.M. (<i>Ibid.</i>) '99. English	Cusseta, Ga.
Kingsbury, Elizabeth, <i>s a w</i>	Ph.B. (<i>Buchtel c.</i>) '87; A.M. (<i>u. of Nebraska</i>) '04. German, Romance	Defiance, O.
Kingsbury, Joseph Lyman, <i>sp</i>	A.B. (<i>Dartmouth c.</i>) '05. History	St. Louis, Mo.
Kirk, Edwin Garvey, <i>s</i>	S.B. (<i>u. of Chicago</i>) '02. Anatomy, Zoology (<i>fel.</i>)	Lima, O.
Kirkpatrick, Charles, <i>s</i>	A.B. (<i>Cornell c.</i>) '01. Physics, Chemistry	Spencer, Ia.
Kirtley, Charles Arthur, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '05. Geology	Chicago
Knott, Thomas Albert, <i>a w sp</i>	A.B. (<i>Northwestern u.</i>) '02. English	Chicago
Knowles, Frank Elwood, <i>s</i>	Ph.B. (<i>Drake u.</i>) '00. Mathematics	Norman, Okla.
Koch, Clara May Barbara, <i>s</i>	A.B. (<i>La Grange c.</i>) '03. German	La Grange, Mo.
Korns, John Hamilton, <i>a w</i>	A.B. (<i>Ohio Wesleyan u.</i>) '04. Anatomy, Chemistry	Mt. Victory, O.
Korten, Josephine Ruth, <i>w sp</i>	S.B. (<i>u. of Chicago</i>) '02. Chemistry	Chicago
Kostomlatsky, Zulema, <i>s</i>	Ph.B. (<i>State u. of Iowa</i>) '95. Botany, Geology	Des Moines, Ia.
Krehbiel, Mary Billings, <i>w</i>	Ph.B. (<i>Dickinson c.</i>) '99. History, English	Chicago
Kristjanson, Hjorleifur Trausti, <i>sp</i>	A.B. (<i>u. of North Dakota</i>) '03. Anatomy, Zoology.	Gardar, N. D.
Kroesch, Samuel, <i>s</i>	A.B. (<i>u. of Missouri</i>) '01. German, Latin	Edmond, Okla.
Kuhn, Albert, <i>s</i>	A.B. (<i>Northwestern u.</i>) '95. German, English	Watertown, Wis.
Kuntz, Albert, <i>s</i>	A.B. (<i>Charles City c.</i>) '04. Chemistry	Ridgeway, Ia.
Lagergren, Siegrid Anna, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '03. German	Morgan Park
Lakin, Mary Nickerson, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '99. English	Topeka, Kan.
Landacre, Francis Leroy, <i>s</i>	A.B. (<i>Ohio State u.</i>) '95. Zoology	Columbus, O.
Lantz, Willie Augusta, <i>s</i>	S.M. (<i>Catawba c.</i>) '97. Chemistry, Physics	Newton, N. C.
Lawrence, William Evans, <i>s a w sp</i>	S.B. (<i>Earlham c.</i>) '04. Botany, Zoology	Richmond, Ind.
Laygo, Pacifico, <i>s</i>	A.B. (<i>c. of San Juan de Letran, Manila</i>) '03. Pathology	Lipa, Batangas, P. I.
Le Duc, Alma de Lalande, <i>s</i>	Ph. B. (<i>u. of Chicago</i>) '99. Romance	Lawrence, Kan.
Lee, Alfred O., <i>a w sp</i>	M.D. (<i>u. of Berlin</i>) '98. Anatomy, Physiology	Chicago
Lee, Bertha Mary, <i>s</i>	Ph.B. (<i>Western Reserve u.</i>) '03. Physics	Cleveland, O.
Lee, Emmet Lehr, <i>a w sp</i>	Ph.B. (<i>Iowa c.</i>) '05. Anatomy	Grinnell, Ia.
Leggett, Blanche Chipman, <i>s</i>	A.B. (<i>Smith c.</i>) '93. Romance	Cleveland, O.

THE GRADUATE SCHOOLS OF ARTS, LITERATURE, AND SCIENCE

NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Leigh, Lownes Randolph, <i>s</i>	A.B. (<i>National Normal u.</i>) '02. Chemistry	Paris, Tex.
Lewis, Blanche Martha, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '03. English	Sioux City, Ia.
Lewis, Winford Lee, <i>s</i>	A.B. (<i>Leland Stanford u.</i>) '02; A.M. (<i>u. of Washington</i>) '04. Chemistry	Gridley, Colo.
Libis, Metta Maud Miller, <i>s</i>	A.B. (<i>Oberlin c.</i>) '97. English	Chicago
Lincoln, Grace, <i>a w sp</i>	A.B. (<i>Lake Erie c.</i>) '04. History, English	Painesville, O.
Lindeblad, Carl G., <i>a w sp</i>	A.B. (<i>Augustana c.</i>) '04. Anatomy, Physiology	La Grange
Linthicum, Porter Hodge, <i>s a</i>	A.B. (<i>Yale u.</i>) '01. Anatomy, Physiology	Evansville, Ind.
Littlejohn, J. Martin, <i>a w sp</i>	L.L.B. (<i>u. of Glasgow</i>) '92; A.M. (<i>Ibid.</i>) '99. Sociology	Chicago
Llewellyn, Elizabeth Valerie, <i>a w sp</i>	A.B. (<i>West Virginia u.</i>) '05. German, English	Chicago
Lloyd, Stewart J., <i>s</i>	A.B. (<i>u. of Toronto</i>) '04. Chemistry	Hamilton, Can.
Lobdell, Charles Walter, <i>a w sp</i>	S.B. (<i>Yale u.</i>) '05. Political Economy	Chicago
Loeb, Ludwig, <i>s</i>	S.B. (<i>u. of Chicago</i>) '96. Pathology	Chicago
Long, William Hunt, <i>s a w sp</i>	A.B. (<i>Butler c.</i>) '03. Anatomy, Physiology	Indianapolis, Ind.
Lord Arthur Evarts, <i>a w sp</i>	Ph.B. (<i>u. of Chicago</i>) '04. Anatomy, Physiology	Plano
Lord, Florence, <i>a</i>	A.B. (<i>Smith c.</i>) '05. History	Chicago
Lowe, Ephraim Noble, <i>s</i>	S.B. (<i>u. of Mississippi</i>) '84. Geology	University, Miss.
Lowrey, Clara Ethel, <i>s</i>	A.B. (<i>u. of Chicago</i>) '05. English	Corning, Ia.
Lowrey, Mary Luella, <i>a w</i>	A.B. (<i>Des Moines c.</i>) '05. Latin, History	Corning, Ia.
Luehring, Frederick William, <i>a w sp</i>	Ph.B. (<i>Northwestern c.</i>) '05. Sociology	Hanover, Kan.
Lusky, George Frederick, <i>a sp</i>	Grad. (<i>Concordia c. Ind.</i>) '05. Greek, Latin	Ottawa
Luther, Ethel May, <i>s</i>	A.B. (<i>u. of Kansas</i>) '01. English, German	Lawrence, Kan.
Lyon, Florence Leona, <i>a w</i>	A.B. (<i>u. of Chicago</i>) '01. German, English	Evanston
Lyons, Jessie May, <i>a w sp</i>	A.B. (<i>u. of Texas</i>) '96. English	El Paso, Tex.
McAllister, Jennie Roxa, <i>s</i>	A.B. (<i>Monmouth c.</i>) '94. Latin	Paxton
McBurney, Thomas Noble, <i>a w</i>	A.B. (<i>u. of Chicago</i>) '05. Romance	Chicago
McCain, James Ross, <i>s</i>	A.B. (<i>Erskine c.</i>) '00; L.L.B. (<i>Mercer u.</i>) '01. English, History	Rome, Ga.
McCarthy, Ida Marie, <i>sp</i>	Ph.B. (<i>u. of Chicago</i>) '06. History, Education, Philosophy	Chicago
McClenahan, Francis Mitchell, <i>s</i>	A.B. (<i>Tarkio c.</i>) '96. Chemistry	Chicago
McClenahan, Robert Stewart, <i>a w</i>	A.B. (<i>Tarkio c.</i>) '93; A.B. (<i>Yale u.</i>) '96. Semitics	Chicago
MacClintock, Anna James, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '96. English	Millersburgh, Ky.
McCoy, Lulu, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '05. History	Chicago
McCoy, Nettie Irene, <i>a w sp</i>	L.B. (<i>u. of Wisconsin</i>) '99. Sociology	Rockford
McCrimmon, Abraham Lincoln, <i>sp</i>	A.B. (<i>u. of Toronto</i>) '90; A.M. (<i>Ibid.</i>) '91. Political Economy	Woonstock, Ont.
McDonald, Howard, <i>s</i>	A.B. (<i>Muskingum c.</i>) '01; A.B. (<i>Princeton u.</i>) '02. Greek	New Concord, O.
McDonald, John Allen, <i>s</i>	A.B. (<i>McMaster u.</i>) '01; A.M. (<i>Ibid.</i>) '02. Latin, Greek	Cañon City, Colo.
McDonald, Warren Thomas, <i>s a w sp</i>	A.B. (<i>William Jewell c.</i>) '00; A.M. (<i>Ibid.</i>) '01. Latin	Troy, Mo.
McGhee, Joseph Llewellyn, <i>s</i>	A.B. (<i>Hiwassee c.</i>) '98; A.M. (<i>Ibid.</i>) '96; A.B. (<i>Emory and Henry c.</i>) '08. Chemistry	Jackson, La.
McGloin, Laura Alice, <i>s</i>	S.B. (<i>Tulane u.</i>) '01; A.M. (<i>Ibid.</i>) '04. Botany	New Orleans, La.
McGrath, Edward, <i>a w sp</i>	Ph.B. (<i>u. of Wisconsin</i>) '02. Anatomy	Monroe, Wis.
Macgregor, Caroline Louise, <i>a</i>	A.B. (<i>u. of Toronto</i>) '05. English	Chippewa, Can.
McGrew, Mary Edith, <i>a w sp</i>	A.B. (<i>u. of California</i>) '03; A.M. (<i>Ibid.</i>) '05. Latin, Greek	Berkeley, Cal.
McGuire, Maria Ella, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '01. History	Chicago
McIntosh, John Stayer, <i>s</i>	A.B. (<i>Cornell c.</i>) '99. Greek, Latin	Fayette, Ia.
McMahon, Asher Reid, <i>a w</i>	A.B. (<i>Indiana u.</i>) '05. Anatomy, Physiology	Huntingberg, Ind.

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NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
McMahon, Una, <i>sp</i>	A.B. (<i>Smith c.</i>) '94. Greek.	Chicago
McMurphy, Susannah Jane, <i>a w sp</i>	A.B. (<i>Vassar c.</i>) '08. English, German	Tacoma, Wash.
McMurray, Arthur, <i>a</i>	A.B. (<i>u. of Kansas</i>) '96. Public Speaking	Chicago
McMurtry, Tillman Ephraim, <i>a w sp</i>	S.B. (<i>u. of Chicago</i>) '00. Sociology	Chicago
McNeel, John Davidson, <i>s</i>	A.B. (<i>South Carolina c.</i>) '91; L.B. (<i>u. of Virginia</i>) '95. Mathematics	Talladega, Ala.
McNeill, Archie Thomson, <i>s</i>	A.B. (<i>McMaster u.</i>) '01. History, Education	Woodstock, Can.
Macpherson, Hector, <i>a</i>	A.B. (<i>Queen's u.</i>) '08. Sociology	Grand Valley, Can.
McVay, Bruce, <i>s</i>	A.B. (<i>Dakota Wesleyan u.</i>) '99. History	Woonsocket, S. D.
McWilliams, Nellie Louise, <i>s</i>	A.B. (<i>u. of Illinois</i>) '00; A.M. (<i>Ibid.</i>) '01. Romance	Champaign
Machetanz, Karl Adolph, <i>s</i>	A.B. (<i>Ohio Wesleyan u.</i>) '08. Political Science	Kenton, O.
Major, Ralph, <i>sp</i>	A.B. (<i>Wm. Jewell c.</i>) '02. Physiology, Zoology	Liberty, Mo.
Manley, Edward, <i>s</i>	A.B. (<i>Harvard u.</i>) '87; A.M. (<i>Ibid.</i>) '94. Geography, Geology	Chicago
Manning, Priestly Hartwell, <i>s</i>	A.B. (<i>u. of Nashville</i>) '90; A.M. (<i>Ibid.</i>) '91. Geology	Nashville, Tenn.
Manwaring, Wilfred Hamilton, <i>s a</i>	S.B. (<i>u. of Michigan</i>) '95. Chemistry (<i>fel.</i>)	Ann Arbor, Mich.
Marquette, George John, <i>s</i>	A.B. (<i>u. of Wisconsin</i>) '04. Anatomy, Physiology	Madison, Wis.
Martin, Adelin, <i>a</i>	A.B. (<i>Leland Stanford u.</i>) '05. Romance	Amboy, Wash.
Martin, Charles Franklin, <i>a w sp</i>	A.B. (<i>William Jewell c.</i>) '04; A.M. (<i>Brown u.</i>) '05. English	Greenwood, Mo.
Martin, Cornelia Childress, <i>s</i>	A.B. (<i>u. of Washington</i>) '00; A.M. (<i>Ibid.</i>) '01. Philosophy	Nashville, Tenn.
Martin, James Victor, <i>a w sp</i>	Ph.B. (<i>Cornell c.</i>) '98. German, English	Mt. Vernon, Ia.
Martin, Lida Chenoweth, <i>s</i>	L.B. (<i>u. of Michigan</i>) '99. Mathematics	Decatur
Martin, Lois, <i>s</i>	A.B. (<i>Mississippi Industrial inst. and c.</i>) '98. History, Mathematics	Weeson, Miss.
Marx, Wanna Eiles, <i>s</i>	S.B. (<i>u. of Chicago</i>) '05. Zoology	Chicago
Mason, Ralph Leslie, <i>s</i>	S.B. (<i>Carleton c.</i>) '04. Physics	Spring Valley, Minn.
Matchett, Esther, <i>s</i>	A.B. (<i>u. of Michigan</i>) '01. Chemistry	Granville, O.
Matheson, John, <i>s</i>	A.M. (<i>Queen's u.</i>) '01. Mathematics	Kingston, Can.
Mathias, Mary Constance, <i>s a</i>	L.B. (<i>u. of Wisconsin</i>) '01. Romance	Chicago
Matlock, Alice Mary, <i>s</i>	A.B. (<i>Friend's u.</i>) '05. Chemistry, Physics	Central City, Neb.
Mathews, Charles Brooks, <i>s</i>	A.B. (<i>u. of Georgia</i>) '97; A.B. (<i>u. of Chicago</i>) '08. Latin	Griffin, Ga.
Matthews, James McClure, <i>s</i>	A.B. (<i>Park c.</i>) '08. Physics, Chemistry	Parkville, Mo.
Matthews, Patty Frances, <i>s</i>	A.B. (<i>u. of Nebraska</i>) '04. History, German, English	Auburn, Neb.
Matzinger, Philip Frederick, <i>a</i>	A.B. (<i>u. of Chicago</i>) '98. Sociology	Chicago
Maynard, Margaret Rebecca, <i>s</i>	A.B. (<i>Cornell u.</i>) '92. Latin, History	Canton
Mayr, Margaret Johanna, <i>s</i>	S.B. (<i>Northwestern u.</i>) '08. German	Chicago
Meek, Mary, <i>s</i>	A.B. (<i>Indiana u.</i>) '00. History, English	Elwood, Ind.
Meek, Walter Joseph, <i>s a w</i>	A.B. (<i>u. of Kansas</i>) '02. Neurology, Physiology	Oskaloosa, Ia.
Meentz, Walter Howard, <i>s</i>	S.B. (<i>Northwestern u.</i>) '04. Anatomy, Pathology	Ashkum
Meigs, Grace Lynde, <i>a w sp</i>	A.B. (<i>Bryn Mawr c.</i>) '03. Anatomy, Physiology	Keokuk, Ia.
Meinzer, Oscar Edward, <i>s a w sp</i>	A.B. (<i>Beloit c.</i>) '01. Geology, Chemistry	Davis
Mercier, Louis Joseph, <i>sp</i>	A.B. (<i>St. Ignatius c.</i>) '00; A.M. (<i>Ibid.</i>) '02. Romance	Chicago
Merritt, Robert Norris, <i>s</i>	A.B. (<i>u. of Toronto</i>) '98. Mathematics	Goderich, Can.
Milbradt, Herman Gustav, <i>a w sp</i>	L.B. (<i>u. of Wisconsin</i>) '08. German, History	Edgar, Wis.
Miller, Catherine Ann, <i>a w sp</i>	A.B. (<i>u. of Chicago</i>) '03. English	Morristown, Tenn.
Miller, Clarence Heath, <i>s</i>	A.M. (<i>u. of Edinburgh</i>) '84; LL.B. (<i>u. of Texas</i>) '86. Sociology, Political Economy	Austin, Tex.
Miller, Eleanor Tibbets	A.B. (<i>u. of Nebraska</i>) '00. A.M. (<i>Ibid.</i>) '02. Mathematics	Lincoln, Neb.

THE GRADUATE SCHOOLS OF ARTS, LITERATURE, AND SCIENCE

NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Miller, Joseph Leggett, <i>s</i>	S.B. (u. of Michigan) '93. Chemistry	Chicago
Miller, Kate Belle, <i>a</i>	Ph.B. (u. of Chicago) '02. English	Chicago
Mitchell, John Weema, <i>sp</i>	A.B. (Maryville c.) '04. Mathematics, Astronomy	Mossum, Tenn.
Monsch, Genevieve Antoinette, <i>s</i>	S.B. (u. of Chicago) '02. Botany	Louisville, Ky.
Moodie, Roy Lee, <i>a w sp</i>	A.B. (u. of Kansas) '05. Paleontology, Geology (<i>fel.</i>)	Lawrence, Kan.
Moore, Sybil Jane, <i>w</i>	A.B. (Vassar c.) '01. English, Sociology	LeMars, Ia.
Moore, Stephen Halent, <i>s</i>	A.B. (Vanderbilt u.) '94. History, Political Economy	Georgetown, Tex.
Morey, Elizabeth Mary, <i>s</i>	A.B. (u. of Texas) '00. History	San Antonio, Tex.
Morris, Dona Irene, <i>s</i>	A.B. (Kingfisher c., Okla.) '— . Latin, Greek	Tonkawa, Okla.
Morrison, Edwin, <i>s</i>	S.B. (Earlham c.) '88; S.M. (<i>Ibid.</i>) '91. Physics, Chemistry	Oskaloosa, Ia.
Morrison, Elsie, <i>s</i>	S.B. (u. of Chicago) '05. Zoology	Milwaukee, Wis.
Morrison, Hugh Tucker, Jr., <i>s a w sp</i>	A.B. (Drake u.) '00. Anatomy, Chemistry	Springfield
Morrow, Hugh Ellis, <i>s</i>	S.B. (u. of Arkansas) '04. Chemistry	Fayetteville, Ark.
Morse, Edward Leland Clark, <i>s</i>	A.B. (Harvard u.) '77. History, Political Science	Chicago
Morse, Ernest Roswell, <i>s</i>	A.B. (Acadia c.) '87; A.B. (Harvard u.) '92. Mathematics	Kansas City, Mo.
Moseley, Alexander Willett, <i>s</i>	S.B. (Massachusetts inst. Technology) '91. Physics, Chemistry	Chicago
Moudy, Ross Brockway, <i>s</i>	S.B. (u. of Wyoming) '00. Chemistry	Laramie, Wyo.
Muenchow, Julius William <i>w sp</i>	Grad. (Concordia c.) '02. Greek, Latin, Comparative Religion	Winthrop, Minn.
Mullay, Anna F., <i>a w sp</i>	Ph.B. (Ohio State u.) '87. English, Philosophy	Columbus, O.
Murphy, Eleanor, <i>a w</i>	Ph.B. (u. of Chicago) '05. Political Science, History	Chicago
Myers, Schuyler Rice, <i>a w sp</i>	A.B. (Beloit c.) '94; D.B. (Yale u.) '97. English	Polo
Myers, Walter Raleigh, <i>s</i>	Ph.B. (Northwestern u.) '03. Latin	Harvey
Nabours, Robert Kirkland, <i>s a w sp</i>	Ed.B. (u. of Chicago) '05. Zoology	Recknor, La.
Nahas, Selim, <i>a</i>	A.B. (Sorbonne u.) '02. Pathology	Alexandria, Egypt
Nash, William Percival, <i>s</i>	A.B. (Colorado c.) '01. Mathematics	Leadville, Colo.
Neidig, William Jonathan, <i>s</i>	A.B. (Leland Stanford u.) '96. English	Los Angeles, Cal.
Neilson, Allan Samuel, <i>s</i>	L.B. (u. of Wisconsin) '01. English	North Milwaukee, Wis.
Newell, Aaron, <i>s</i>	A.B. (u. of Michigan) '02. History, Education	Yale, Mich.
Newman, Henry Ware, <i>s</i>	A.B. (McMaster u.) '99. Pathology	Waco, Tex.
Nichol, Eda Belle, <i>w</i>	A.B. (Westminster c.) '98. Latin	Indiana, Pa.
Nichols, William Crane, <i>a w sp</i>	A.B. (u. of Wisconsin) '04. Physiology, Anatomy	Fargo, N. D.
Nicholson, George A., <i>s</i>	A.B. (Baker u.) '04; A.M. (<i>Ibid.</i>) '06. English.	Baldwin, Kan.
Niles, Edward, <i>s</i>	A.B. (St. Ignatius c.) '03. Physiology, Pathology	Chicago
Noble, Edith, <i>s</i>	Ph.B. (DePauw u.) '02. English	Mitchell, S. D.
Noble, Ellen Maria, <i>s</i>	A.B. (Oberlin c.) '94. Mathematics	Benton Falls, Me.
North, Alfred Myron, <i>a w sp</i>	S.B. (Pacific u.) '01. History, Political Science	Kist, Ore.
North, Cecil Clare, <i>w sp</i>	A.B. (u. of Nebraska) '02; D.B. (u. of Chicago) '05. Sociology, History	Bridgeport, Neb.
Obenchain, Jeanette, <i>sp</i>	Ph.B. (u. of Chicago) '06. Zoology, Neurology	Miami, Fla.
O'Brien, Nellie Regina, <i>sp</i>	Ph.B. (u. of Chicago) '00. History	Spragg, Neb.
O'Connor, John Bartholomew, <i>s a</i>	A.B. (Rochester u.) '97. Latin, Greek	Indianapolis, Ind.
Ohrenstein, Eda Dianah, <i>s a</i>	Ph.B. (u. of Chicago) '00. German	Chicago
Ohrenstein, Valerie Deborah, <i>s a w sp</i>	Ph.B. (u. of Chicago) '04. English, Romance	Chicago
Oliver, Edward Allen, <i>a w sp</i>	A.B. (Kenyon c.) '05. Anatomy	Chicago
Owen, Charles Lorin, <i>a w sp</i>	A.B. (Denison u.) '85. Anthropology, Sociology	Chicago
Owens, Alpha Loretta, <i>s</i>	A.B. (Kansas State u.) '02; A. M. (<i>Ibid.</i>) '03. Romance	Lawrence, Kan.

THE GRADUATE SCHOOLS OF ARTS, LITERATURE, AND SCIENCE

NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Owens, Frederick William, <i>s</i>	S.B. (u. of Kansas) '02; S.M., (<i>Ibid.</i>) '02. Mathematics, Astronomy	Chicago
Owsley, Edna, <i>w</i>	A.B. (Smith c.) '03. English	Chicago
Page, George Washington, <i>s</i>	A.B. (Bethel c.) '99; A.M. (<i>Ibid.</i>) '99; A.M. (Baylor u.) '05. Philosophy, History, Education	Belleville, Tex.
Paisley, Minnie McDonald, <i>s</i>	A.B. (u. of Chicago) '99. Latin, Greek	Hillsboro
Palmer, Lulu Margaret, <i>s</i>	A.B. (Albion c.) '99. English	Union City, Mich.
Paltzer, Katherine Woodruff, <i>sp</i>	Ph.B. (u. of Chicago) '01. German	Chicago
Parham, D'Arcy Paul, <i>a w sp</i>	A.M. (Randolph Macon c.) '91. English	Festus, Mo.
Parker, Carl Horace, <i>a w sp</i>	S.B. (Pomona c.) '05. Anatomy	Passadena, Cal.
Parker, Hortense Clement, <i>w sp</i>	A.B. (u. of Chicago) '05. History, English	Chicago
Parsons, Forest Lee, <i>a w sp</i>	A.B. (u. of Wisconsin) '05. Anatomy, Physiology	Berlin, Wis.
Partridge, Carroll Dunham, <i>s</i>	S.B. (u. of Vermont) '00. Chemistry, Physics	Burlington, Vt.
Partridge, William Harvey, <i>s</i>	A.B. (Oberlin c.) '94. Greek, Latin	South Bend, Ind.
Passmore, Maud Sankey, <i>a w</i>	A.B. (Leland Stanford u.) '04. Anatomy, Physiology	Chicago
Patet, Francois Joseph, <i>s a</i>	Bachelier es lettres (<i>Academy de Lyon, u. of France</i>) '87. Romance	Chicago
Patterson, James, <i>w sp</i>	S.B. (u. of Chicago) '05. Astronomy	Chicago
Patterson, John Thomas, <i>s a w sp</i>	S.B. (u. of Wooster) '03. Zoology, Botany	Piqua, O.
Patterson, Lucy, <i>a w</i>	Ph.B. (u. of Wooster) '01. English	Piqua, O.
Pattison, Hortense Roberts, <i>a w sp</i>	A.B. (u. of Colorado) '08; A.M. (<i>Ibid.</i>) '04. Latin, Greek, (<i>fel.</i>)	Chicago
Patton, Eugene Bryan, <i>a w sp</i>	A.B. (Washington u.) '04. Political Economy, Political Science, (<i>fel.</i>)	Columbia, Tenn.
Peebles, Rose Jeffries, <i>s</i>	A.B. (Mississippi Industrial inst. and c.) '91. English	Columbus, Miss.
Peet, Charles Emerson, <i>s a w</i>	S.B. (u. of Wisconsin) '92. Geology, Chemistry	Chicago
Peet, Julia Dumke, <i>s</i>	Ph.B. (u. of Chicago) '98. German	Chicago
Pegues, Albert Shipp, <i>s</i>	A.B. (Wooford c.) '92; A.M. (<i>Ibid.</i>) '95. Semitics, Biblical Greek	Georgetown, Tex.
Pellett, Sarah Frances, <i>s w</i>	A.B. (Smith c.) '82; A.M. (Cornell u.) '91. Latin	Binghamton, N. Y.
Perkins, Zella Isabel, <i>a w sp</i>	S.B. (u. of Idaho) '03. Chemistry	Mooscow, Idaho.
Pesta, Rose Alice, <i>s a w</i>	L.B. (u. of Wisconsin) '02; L.M. (<i>Ibid.</i>) '03. Mathematics	Chicago
Peters, Louise Marie, <i>sp</i>	A.B. (u. of California) '01; A.M. (<i>Ibid.</i>) '05. Latin, Greek	Marne, Ia.
Peters, Meta W., <i>s</i>	A.B. (Western Reserve u.) '96; A.M. (<i>Ibid.</i>) '98. German, Philosophy	Cleveland, O.
Peterson, Henry, <i>s</i>	Ph.B. (u. of Chicago) '05. Philosophy	Salt Lake, Utah.
Peterson, Isabel Alberta, <i>a w sp</i>	S.B. (Lawrence u.) '02. Chemistry, Physics	Fond du Lac, Wis.
Peterson, Joseph, <i>w sp</i>	S.B. (u. of Chicago) '05. Psychology, Neurology	Oakley, Idaho.
Pettinger, Peter James, <i>w</i>	A.B. (Toronto u.) '93; A.M. (Harvard u.) '94. Philosophy, Comparative Religion	Princeton, Can.
Pfeiffer, Wanda May, <i>s a w sp</i>	S.B. (u. of Chicago) '04. Botany	Chicago
Pfuhl, Sophie Augusta, <i>s</i>	A.B. (Bryn Mawr c.) '00. Greek.	Harrisburg, Pa.
Phillips, Lena Blanche, <i>s</i>	A.B. (Cornell c.) '93. History, English	Iowa Falls, Ia.
Piatt, Sarah Alice, <i>s</i>	A.B. (u. of Kansas) '04. Sociology	Lawrence, Kan.
Pierce, Edwin Griffin, <i>s</i>	Ph.B. (Kalamazoo c.) '02; Ph.B. (u. of Chicago) '02. Chemistry, Physics	Marcellus, Mich.
Piety, James C., <i>s</i>	A.B. (Indiana u.) '02. History	Chicago
Pike, Frank Henry, <i>s a w sp</i>	A.B. (Indiana u.) '03. Antomy, Physiology (<i>fel.</i>)	Plainfield
Pine, Frank Woodworth, <i>s</i>	A.B. (u. of Michigan) '94; A.M. (New York u.) '97. English	Pottstown, Pa.
Pinney, Myra Finette, <i>a</i>	A.B. (Wellesley c.) '04. English Philosophy	Valparaiso, Ind.
Plum, Harley Martin, <i>s</i>	A.B. (Ohio State u.) '02. Chemistry	Ashville, O.
Poor, Vincent Collins, <i>s</i>	A.B. (u. of Kansas) '01. Mathematics, Astronomy	Oketo, Kan.
Pope, Ida May, <i>a w</i>	L.B. (Oberlin c.) '86. Sociology	Chicago

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NAME	DEGREE ; DEPT. OF STUDY	HOME ADDRESS
Porter, George Henry, <i>s</i>	Ph.B. (<i>Ohio State u.</i>) '01. History	New Philadelphia, O.
Porter, Marlow Rich, <i>s a w</i>	S.B. (<i>u. of Utah</i>) '99. Botany	Porterville
Powell, Nellie Virginia, <i>s</i>	A.M. (<i>Randolph Macon Woman's c.</i>) '00. English	Woodview, Va.
Powell, Wade Hampton, <i>s</i>	S.B. (<i>u. of Chicago</i>) '05. Chemistry	Cuero, Tex.
Prentiss, Lois Ella, <i>a</i>	Ph.B. (<i>u. of Chicago</i>) '08. History	Chicago
Preston, Keith, <i>a w sp</i>	Ph.B. (<i>u. of Chicago</i>) '05. Latin	Chicago
Prichard, Lucy Elizabeth, <i>s</i>	A.B. (<i>Vassar c.</i>) '99. Latin	Huntington, W. Va.
Proctor, Charles Albert, <i>s</i>	A.B. (<i>Dartmouth c.</i>) '00. Physics, Chemistry	Columbia, Mo.
Putnam, John Jacob, <i>sp</i>	S.B. (<i>u. of Denver</i>) '04. Chemistry, Mathematics	Gibbon, Neb.
Quaife, Milo Milton, <i>a w</i>	Ph.B. (<i>Iowa c.</i>) '08; A.M. (<i>u. of Missouri</i>) '05. History (<i>fel.</i>)	Nashua, Ia.
Ragedale, George Tilden, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '05. Political Science, Romance	DeKalb
Randolph, Harry Blaine, <i>s</i>	A.B. (<i>Hamline u.</i>) '04. Latin, Greek	Valley City, N. D.
Rasor, Samuel Eugene, <i>s</i>	S.B. (<i>Ohio State u.</i>) '98; A.M. (<i>Ibid.</i>) '02. Mathematics	Columbus, O.
Rattray, Jennie MacHardy, <i>s</i>	A.B. (<i>u. of Chicago</i>) '02. Greek	Chicago
Reddick, Harry Wilfred, <i>s</i>	A.B. (<i>Indiana u.</i>) '04. Mathematics	Knightstown, Ind.
Reed, William John, <i>a w sp</i>	S.B. (<i>Northwestern u.</i>) '05. Geology, Paleontology	Glen View
Reedy, John Henry, Jr., <i>s</i>	A.M. (<i>Southwestern u.</i>) '00. Chemistry	San Marcos, Tex.
Rees, Kelley, <i>a w sp</i>	A.B. (<i>Leland Stanford u.</i>) '02. Greek, Latin, (<i>fel.</i>)	Fayetteville, Tenn.
Reid, Elizabeth, <i>s</i>	Ph.B. (<i>Wooster u.</i>) '99. Romance	Huron, S. D.
Reynolds, Welbourne Myers, <i>s</i>	A.B. (<i>u. of Georgia</i>) '03. English	Marietta, Ga.
Rice, Charles Donnell, <i>s</i>	S.B. (<i>Vanderbilt u.</i>) '91; S.M. (<i>Ibid.</i>) '92. Mathematics	Austin, Tex.
Rice, Corinne Lelia, <i>s a w sp</i>	Ph.B. (<i>u. of Chicago</i>) '99. History	Sullivan, O.
Rice, Emily Jane, <i>a</i>	Ph.B. (<i>u. of Chicago</i>) '03. History of Art	Chicago
Richardson, Burt Parker, <i>s</i>	S.B. (<i>Drury c.</i>) '02; Ph.B. (<i>u. of Chicago</i>) '04. Chem- istry	Greensboro, Ala.
Richardson, Florence Ella, <i>a w sp</i>	A.B. (<i>u. of Nebraska</i>) '02. Education, Sociology, (<i>fel.</i>)	Lincoln, Neb.
Riddle, Oscar, <i>s sp</i>	S.B. (<i>Indiana u.</i>) '02. Zoology, Chemistry	Bloomfield, Ind.
Riggs, Mrs. Jean Shaefer, <i>a</i>	S.B. (<i>u. of Missouri</i>) '04. English	Chicago
Riggs, Jephtha, <i>s</i>	A.B. (<i>u. of Missouri</i>) '03; A.M. (<i>Ibid.</i>) '04. English, Philosophy	Excelsior Springs, Mo.
Riley, Edgar Francis, <i>a w sp</i>	A.B. (<i>Baker u.</i>) '00. Philosophy, (<i>fel.</i>)	Baldwin, Kan.
Riley, Elmer Author, <i>s a w sp</i>	A.B. (<i>Baker u.</i>) '05. History, Political Economy	Baldwin, Kan.
Riley, Floyd, <i>a w sp</i>	A.B. (<i>u. of Missouri</i>) '04. Anatomy, Physiology	Kearney, Mo.
Riley, Jessika Trotter, <i>a</i>	Ph.B. (<i>Baylor u.</i>) '05. English	Waco, Tex.
Risser, Christian Hoffer, <i>s</i>	A.B. (<i>Franklin and Marshall c.</i>) '01. Anatomy, Chem- istry	Filorin, Pa.
Ritchie, John Woodside, <i>s</i>	A.B. (<i>Maryville c.</i>) '98. Botany, Zoology, (<i>fel.</i>)	Sparta
Ritchie, Pearl Andrews, <i>s</i>	A.B. (<i>Maryville c.</i>) '01. Botany	Chicago
Roberts, Effie Elizabeth, <i>a w</i>	L.B. (<i>Northwestern u.</i>) '00. English	Wabash, Ind.
Roberts, Elizabeth, <i>s</i>	S.B. (<i>u. of Wisconsin</i>) '04. History	Hazel Green, Wis.
Roberts, Warren Huddleston, <i>s a</i>	A.B. (<i>Denison u.</i>) '08. Latin	St. Paris, O.
Robertson, David Allan, <i>sp</i>	A.B. (<i>u. of Chicago</i>) '02. English	Chicago
Robertson, Jessie Thacher, <i>s sp</i>	A.B. (<i>St. Lawrence u.</i>) Latin	Canton, N. Y.
Robinson, Edna Moore, <i>a w sp</i>	A.B. (<i>u. of Chicago</i>) '04. English	Chicago
Roe, Mabel Lewis, <i>a w</i>	A.B. (<i>Vassar c.</i>) '03. Latin, Greek	Chicago
Rogers, May Josephine, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '05. Latin	Chicago
Rosenberger, Homer Gladstone, <i>s a</i>	S.B. (<i>Penn c.</i>) '00. Chemistry, Physiology	Oskaloosa, Ia.
Rosholt, Albie Jena, <i>s a w sp</i>	A.B. (<i>Luther c.</i>) '08. Anatomy	Rosholt, Wis.
Ross, Elizabeth Ann, <i>s</i>	A.B. (<i>Fisk u.</i>) '08. Latin, German, Romance	Montgomery, Ala.

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NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Ross, Mary Sophia, <i>s a w sp</i>	A.B. (<i>Dalhousie c.</i>) '94; A.M. (<i>Ibid.</i>) '96. Anatomy	Prince Edward Island, Can.
Ross, William Horace, <i>a w sp</i>	S.B. (<i>Dalhousie u.</i>) '03; S.M. (<i>Ibid.</i>) '04. Chemistry	Louisville, N. S.
Rosser, John Elijah, <i>s</i>	Ph.B. (<i>Emory c.</i>) '02. Philosophy, Sociology	Nashville, Ga.
Rowe, Alice Emily, <i>s</i>	A.B. (<i>Upper Iowa u.</i>) '91; A.M. (<i>Ibid.</i>) '94. Latin, Greek	Salt Lake, Utah
Rowe, Eugene Charles, <i>s</i>	A.B. (<i>Olivet c.</i>) '97. Philosophy, History	Evart, Mich.
Rowe, Jesse Perry, <i>s</i>	S.B. (<i>u. of Nebraska</i>) '97; S.M. (<i>Ibid.</i>) '03. Geology	Missoula, Mont.
Rowe, Mary Augusta, <i>s</i>	S.B. (<i>Beloit c.</i>) '98. Geology, Botany	Beloit, Wis.
Ryan, Johanna Veronica, <i>s sp</i>	Ph.B. (<i>u. of Chicago</i>) '03. History	Chicago
Saam, John Gustave, <i>a w sp</i>	S.B. (<i>Lenox c.</i>) '00. Anatomy, Physiology	Lansing, Ia.
Sabin, Frances Ellis, <i>a w sp</i>	Ph.B. (<i>u. of Michigan</i>) '95; S.M. (<i>Ibid.</i>) '96. Latin, Greek	Chicago
Sachse, William Gustavus, <i>a w sp</i>	A.B. (<i>u. of Illinois</i>) '05. Anatomy, Neurology	Morris
Sanders, Nannie Gillespie, <i>s</i>	A.B. (<i>Southwestern u.</i>) '02. History, English	Georgetown, Tex.
Sanford, Frederick Warren, <i>s a w sp</i>	S.B. (<i>Illinois c.</i>) '90; A.B. (<i>Ibid.</i>) '94. Greek, Latin (<i>fel.</i>)	Jacksonville
Sato, Toru, <i>a w sp</i>	(<i>Waseda u.</i>) '01. Philosophy	Iwateken, Japan
Sawyer, Mary Louise, <i>s</i>	S.B. (<i>Beloit c.</i>) '02. Botany	Oak Park
Scarborough, Dorothy, <i>s</i>	A.B. (<i>Baylor u.</i>) '96; A.M. (<i>Ibid.</i>) '99. English	Waco, Tex.
Schantz, Albert John, <i>s</i>	S.B. (<i>Ohio State u.</i>) '02. Physics, Chemistry	Dayton, O.
Scherz, Anna Talea, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '05. German	Chicago
Schmidt, Otto Gustave, <i>w</i>	A.B. (<i>Heidelberg u.</i>) '99. Philosophy, Political Economy, History	Chicago
Schultz, William Henry, <i>s</i>	Ph.B. (<i>Baldwin u.</i>) '99. Chemistry	Akron, O.
Schuster, Emma Marie, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '05. German	Chicago
Schweikert, Harry Christian, <i>s</i>	A.B. (<i>Princeton u.</i>) '03. English, Philosophy, Psychology	Reading, Pa.
Scott, Charles Carrington, <i>s</i>	A.B. (<i>Hampden-Sidney c.</i>) '88. Physics	Sherman, Tex.
Scott, Robert Douglas, <i>w</i>	S.B. (<i>Kansas State Agricultural c.</i>) '04. Botany, Geology	Marysville, Kan.
Senger, Harry Lech, <i>s</i>	A.B. (<i>u. of Cincinnati</i>) '98; A.M. (<i>Ibid.</i>) '05. Latin, Romance	Cincinnati
Severson, Samuel Ole, <i>s</i>	A.B. (<i>u. of Minnesota</i>) '03; A.M. (<i>Ibid.</i>) '04. Philosophy	Minneapolis, Minn.
Sewall, Harriet, <i>s</i>	S.B. (<i>Fairmount c.</i>) '02; L.B. (<i>Ibid.</i>) '02. Physics, Botany	Wichita, Kan.
Sharp, Mary Emma, <i>a w sp</i>	A.B. (<i>Westminster c.</i>) '02; A.M. (<i>Ibid.</i>) '05. Romance	New Wilmington, Pa.
Sharpe, Richard Worthy, <i>w</i>	S.B. (<i>u. of Illinois</i>) '93; S.M. (<i>Ibid.</i>) '96. Zoology	Tiskilwa
Shattuck, Charles Houston, <i>s</i>	S.B. (<i>u. of Chicago</i>) '03. Botany	Topeka, Kan.
Shaw, Clara Hawthorne, <i>a</i>	A.B. (<i>Wellesley c.</i>) '91. Sociology	Lexington, Ky.
Shaw, Eugene Wesley, <i>s a w sp</i>	S.B. (<i>Ohio Wesleyan u.</i>) '05. Geology (<i>fel.</i>)	Delaware, O.
Shaw, Janet Parker, <i>s</i>	Ph.B. (<i>Oberlin c.</i>) '96. English	Indianapolis, Ind.
Shelford, Victor Ernest, <i>s a w sp</i>	S.B. (<i>u. of Chicago</i>) '03. Zoology, Botany	Lowman, N. Y.
Shepherd, John Wilkes, <i>s</i>	A.B. (<i>Indiana u.</i>) '96; A.M. (<i>Ibid.</i>) '98. Chemistry	Chicago
Shimer, Will, <i>s</i>	A.B. (<i>Butler c.</i>) '02. Physiology, Pathology	Wanamaker, Ind.
Shouse, John Lomar, <i>s</i>	A.B. (<i>William Jewell c.</i>) '95; A.M. (<i>Ibid.</i>) '96. English	Kansas City, Mo.
Shriver, Mabel Angela, <i>s</i>	A.B. (<i>Heidelberg u., Ohio</i>) '99; A.M. (<i>Ibid.</i>) '00. Chemistry, Physics	Hamilton, O.
Shull, Charles Albert, <i>s a w sp</i>	S.B. (<i>u. of Chicago</i>) '05. Zoology (<i>fel.</i>)	New Carlisle, O.
Shumaker, Varney Verne, <i>s</i>	S.B. (<i>Rio Grande c.</i>) '03. Latin	Terrel, Tex.
Simonds, James Persons, <i>s</i>	A.B. (<i>Baylor u.</i>) '01. Physiology, Anatomy	Kesona, Tex.
Simons, Mrs. May Wood, <i>w</i>	Ph.B. (<i>u. of Chicago</i>) '05. Sociology	Melrose Park
Simpson, Benjamin Roy, <i>a w sp</i>	A.B. (<i>McMaster u.</i>) '99. Psychology, Sociology	Niagara Falls, Can.

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NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Sims, Harry Wilbur, <i>a w sp</i>	S.B. (<i>Muskingum c.</i>) '04. Anatomy, Physiology	New Concord, O.
Sison, Antonio G., <i>s</i>	A.B. (<i>San Juan de Letran, Manila</i>). Physiology	Pangasiman, P. I.
Skelton, Oscar Douglas, <i>a w sp</i>	A.M. (<i>Queens u.</i>) '99. Political Economy, Latin	Cornwall, Can.
Skinner, Charles Everest, <i>s</i>	L.B. (<i>u. of Michigan</i>) '96. English	Louisville, Ky.
Sleight, George Newton, <i>a w sp</i>	A.B. (<i>Williams c.</i>) '93. Greek, Latin	Elgin
Smalley, Archibald Whittier, <i>s</i>	A.B. (<i>u. of Michigan</i>) '98. Latin	Chicago
Smart, Frank Leroy, <i>s</i>	A.B. (<i>Harvard u.</i>) '96. English	Dubuque, Ia.
Smart, Walter Kay, <i>w</i>	Ph.B. (<i>u. of Chicago</i>) '02. English, German	Payson
Smith, Alexander W., <i>s a w sp</i>	A.B. (<i>Dalhousie u.</i>) '95; A.M. (<i>Princeton u.</i>) '98. English, History	Hopkinton, Ia.
Smith, Charlotte Dillingham, <i>w sp</i>	Ph.B. (<i>u. of Chicago</i>) '08. Political Science	Chicago
Smith, Cornelia Simrall, <i>w</i>	S.B. (<i>u. of Chicago</i>) '08. Geology	Chicago
Smith, Elizabeth, <i>s</i>	A.M. (<i>Howard Payne c.</i>) '94. Mathematics	Lexington, Mo.
Smith, Fanny, <i>s</i>	S.B. (<i>Miami u.</i>) '00. Chemistry, Botany	Sandrun, Ky.
Smith, Myra Virginia, <i>s</i>	A.B. (<i>u. of Chicago</i>) '02. German, Romance	Springfield
Smith, Samuel Sterrett, <i>s</i>	A.B. (<i>Indiana u.</i>) '02. Zoology, Botany	Beaver Falls, Pa.
Smith, Warren Brownell, <i>a</i>	Ph.B. (<i>u. of Chicago</i>) '02. History	Chicago
Snow, Jenny Helen, <i>sp</i>	S.B. (<i>u. of Chicago</i>) '06. Household Administration, Chemistry.	Oak Park
Snyder, Ruth Dickerson, <i>a w</i>	A.B. (<i>Miami u.</i>) '04. English	Liberty, Ind.
Sogard, John, <i>a</i>	Ph.B. (<i>Iowa State u.</i>) '99. Sociology, Education	Vinton, Ia.
Sonna, Agatha Jean, <i>s</i>	A.B. (<i>Wellesley c.</i>) '99; A.M. (<i>Columbia u.</i>) '08. English	Boise, Idaho
Spahr, Herman Louis, <i>s</i>	A.B. (<i>South Carolina c.</i>) '96. German	Columbia, S. C.
Spalding, Aileen, <i>s</i>	A.B. (<i>u. of Chicago</i>) '04. Greek, Latin	Terre Haute, Ind.
Speidel, Ida Theresia, <i>a</i>	S.B. (<i>State u. of Iowa</i>) '08; S.M. (<i>Ibid.</i>) '04. Mathe- matics	Iowa City, Ia.
Speidel, William Charles, <i>a w sp</i>	A.B. (<i>u. of Washington</i>) '04. Anatomy, Physiology	Seattle, Wash.
Speik, Frederick Adolph, <i>s</i>	S.B. (<i>u. of Chicago</i>) '05. Pathology	Chicago
Spence, William John, <i>s</i>	A.B. (<i>u. of Toronto</i>) '00. German, Romance	Winnipeg, Can.
Spencer, Matthew Lyle, <i>a w sp</i>	A.B. (<i>Kentucky Wesleyan c.</i>) '08; A.M. (<i>Ibid.</i>) '04; A.M. (<i>Northwestern u.</i>) '05. English, German (<i>fel.</i>)	Atlanta, Ga.
Spink, Joette Eugenie, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '04. Romance	Chicago
Spooner, Charles Cutler, <i>s</i>	A.B. (<i>Amherst c.</i>) '96. Physics	Salt Lake, Utah
Stahl, George Gettys, <i>s</i>	A.B. (<i>Wooster u.</i>) '99. Physics, Chemistry	Middletown, O.
Staley, George Cooper, <i>a</i>	A.B. (<i>u. of Chicago</i>) '05. Mathematics, Astronomy	Dade City, Fla.
Starbird, Robert Stinson, <i>s</i>	A.B. (<i>u. of Chicago</i>) '03. English	Chicago
Stark, Herbert Cholet, <i>a</i>	A.B. () '05. Anatomy, Physics	Bluffton, Ind.
Stearns, Clara M., <i>sp</i>	Ph.B. (<i>u. of Chicago</i>) '06. English	Cleveland, O.
Stearns, Tilden Hendricks, <i>s</i>	A.B. (<i>Brown u.</i>) '08. Political Science, Political Economy	Wilmot, N. H.
Stephens, George Asbury, <i>s</i>	A.B. (<i>Baker u.</i>) '99. Sociology	Topeka, Kan.
Stephens, Thomas Calderwood, <i>s a w sp</i>	(<i>Duquesne c., Adrian c.</i>) Zoology, Chemistry (<i>fel.</i>)	Kansas City, Kan.
Stewart, Gertrude, <i>s</i>	A.B. (<i>u. of Denver</i>) '04. English, History	Denver, Colo.
Stiles, Harold, <i>s</i>	Ph.B. (<i>Kenyon c.</i>) '96; A.B. (<i>Harvard u.</i>) '03; A. M. (<i>Ibid.</i>) '04. Mathematics, Physics	Evanston
Stilwell, Katherine Marion, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '03. Education	Chicago
Stine, Charles M., <i>s</i>	A.B. (<i>Pennsylvania c.</i>) '01; S.B. (<i>Ibid.</i>) '03; A.M. (<i>Ibid.</i>) '04. Chemistry	Mechanicsburg, Pa.
Stocker, John Eugene, <i>s</i>	S.B. (<i>Lehigh u.</i>) '95. Mathematics, Astronomy	Bethlehem, Pa.
Stokes, Ella Harrison, <i>s</i>	S.B. (<i>Ohio Wesleyan u.</i>) '99. Philosophy	Oskaloosa, Ia.
Stokes, Merle Benefiel, <i>a w sp</i>	A.B. (<i>Wabash c.</i>) '05. Anatomy, Chemistry	Lebanon, Ind.

THE GRADUATE SCHOOLS OF ARTS, LITERATURE, AND SCIENCE

NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Stokey, Alma Gracey, <i>s</i>	A.B. (Oberlin c.) '05. Botany	Oberlin, O.
Stoner, Sanford Leland, <i>s</i>	S.B. (u. of Chicago) '04. Physics, Chemistry	Pulaski, O.
Stout, Selatie Edgar, <i>s a</i>	A.B. (William Jewell c.) '01. Latin, Greek	Chillicothe, Mo.
Strauss, Harry Huntington, <i>s</i>	A.B. (Wooster u.) '04. Latin, History	Orrville, O.
Strawn, Myra Hartshorn, <i>a w sp</i>	A.B. (u. of Chicago) '00. English	Chicago
Strickland, Henry Kinshen, <i>s</i>	A.B. (Louisiana State u.) '98; A.B. (Ibid.) '99. English	Baton Rouge, La.
Strong, Anna Louise, <i>sp</i>	A.B. (Oberlin c.) '05. English, Philosophy	Oak Park
St. Sure, Frank Adolph, <i>s a w sp</i>	S.B. (u. of Wisconsin) '08. Anatomy, Physiology	Madison, Wis.
Summers, Joseph, <i>s</i>	A.B. (William Jewell c.) '99; A.M. (u. of Missouri) '01. Chemistry, Physiology	Coffeybury, Mo.
Sundell, Cora Josephine, <i>s</i>	Ph.B. (Cornell c.) '00. English	Mason City, Ia.
Sundwall, John, <i>s a w sp</i>	Ph.B. (Central u. of Utah) '01; S.B. (u. of Chicago) '05. Anatomy, Physiology (fel.)	Fair View, Utah
Sung, Far Tsan, <i>sp</i>	S.B. (Ohio Wesleyan u.) '05. Chemistry, Physics, New Testament	Hinghua, China
Swan, George Dempster, <i>w sp</i>	S.B. (u. of Wisconsin) '05. Biblical Greek	Clinton, O.
Swanson, William Walker, <i>a w sp</i>	A.M. (Queens u.) '05. Political Economy (fel.)	Oshawa, Can.
Swift, Charles Henry, <i>a w sp</i>	A.B. (u. of Chicago) '03. Anatomy	Chicago
Sylvester, Mrs. Alice Peirce, <i>a</i>	A.B. (u. of Chicago) '98. English	Sacramento, Cal.
Tackaberry, Wilson Hamilton, <i>s sp</i>	A.B. (u. of Toronto) '04; A.M. (Ibid.) '05. Greek, Latin	Kemptville, Can.
Taggart, Anna, <i>s</i>	A.B. (Shurtleff c.) '91; A.M. (Ibid.) '98. Latin	Upper Alton
Taintor, Jesse Fox, <i>s</i>	A.B. (Ripon c.) '73. History	Elkhorn, Wis.
Takahashi, Katashi, <i>s a w sp</i>	(Imperial u. of Japan) '01. Neurology	Tokyo, Japan
Talbert, Ernest Lynn, <i>s</i>	A.B. (Butler c.) '01; A.B. (u. of Chicago) '01. Psychology, Philosophy, Sociology	Indianapolis, Ind.
Tannreuther, George Washington, <i>s</i>	A.B. (Manchester c.) '00; A.M. (Antioch c.) '01. Zoology	New Carlisle, O.
Temple, Frances Congdon, <i>s w</i>	Ph.B. (u. of Chicago) '02. Philosophy, Political Economy	Chicago
Templin, William Henry, <i>s</i>	S.B. (DePauw u.) '97. Mathematics	Kansas City, Mo.
Terry, Benjamin Taylor, <i>s a</i>	A.B. (Vanderbilt u.) '98; A.M. (Ibid.) '00. Anatomy (fel.)	Ann Arbor, Mich.
Terry, Schuyler Baldwin, <i>s</i>	A.B. (u. of Chicago) '05. Romance, German	Chicago
Test, Louis Agassiz, <i>s</i>	B.M.E. (Purdue u.) '94; A.C. (Ibid.) '96. Chemistry	Lafayette, Ind.
Thiessen, Reinhardt, <i>a w sp</i>	S.B. (u. of Chicago) '02. Botany, Zoology	New Holstein, Wis.
Thomas, Roy, <i>s</i>	S.B. (Pomona c.) '08. Anatomy, Physiology	Phoenix, Ariz.
Thomas, Sarah Jane, <i>s</i>	A.B. (u. of Wisconsin) '97. English	Pewaukee, Wis.
Thomasson, Arthur Albert, <i>s</i>	A.B. (Hiwassee c.) '01; A.M. (Ibid.) '05. Philosophy, Sociology	Gudger, Tenn.
Thompson, Andrew Newton, <i>s</i>	Ph.B. (Colorado c.) '00. Education	Colorado Springs, Colo.
Thompson, Christiana, <i>s</i>	Ph.B. (Otterbein u.) '90. English	Frankfort, Ind.
Thompson, Mary Penn, <i>s</i>	A.B. (u. of Nashville) '01. English, Botany, Geology	Pensacola, Fla.
Thompson, Josephine Gray, <i>sp</i>	A.B. (u. of Chicago) '05. English	Chicago
Titsworth, Paul Emerson, <i>s</i>	Ph.B. (Alfred u.) '04. German	Alfred, N. Y.
Todd, David Duke, <i>w sp</i>	S.B. (Coe c.) '05. Physiological Chemistry	Ida Grove, Ia.
Todd, Theodore Walter, <i>s</i>	A.B. (Monmouth c.) '88; A.M. (Ibid.) '90; LL.B. (u. of Michigan) '91. Romance, German	Topeka, Kan.
Tomkies, Charles Doswell, <i>s</i>	A.B. (Tulane u.) '01; A.M. (Columbia u.) '04. English	Cameron, Tex.
Tompkins, Clara Alice, <i>sp</i>	A.B. (Stanford u.) '04; A.M. (Ibid.) '05. Psychology	Paris
Tonney, Frederick Oscar, <i>s</i>	A.B. (u. of Chicago) '04. Chemistry	Fort Scott, Kan.
Torrey, Nellie, <i>s</i>	A.B. (Indiana u.) '98. Latin, English, German	Greenwood, Miss.
Touton, Frank Charles, <i>s</i>	Ph.B. (Lawrence u.) '01. Mathematics	Edgerton, Wis.
Townsend, Henry Schuler, <i>a w</i>	A.B. (Des Moines c.) '80. Sociology, Psychology	Manila, P.I.

THE GRADUATE SCHOOLS OF ARTS, LITERATURE, AND SCIENCE

NAME	DEGREE; DEPT OF STUDY	HOME ADDRESS
Trever, Albert Augustus, <i>s</i>	Ph.B. (<i>Lawrence u.</i>) '96; S.T.B. (<i>Boston u.</i>) '00. Greek	Horicon, Wis.
True, Blanche Lucinda, <i>s</i>	A.B. (<i>Wellesley c.</i>) '02. Greek, Romance	Fargo, N.D.
True, Glenn E., <i>a</i>	A.B. (<i>Albion c.</i>) '04. Chemistry, Physics	Dowagiac, Mich.
Tupper, Beatrice, <i>s</i>	A.B. (<i>Lake Forest u.</i>) '99. Mathematics	Litchfield
Turner, Bertha Lowe, <i>a w sp</i>	Ph.B. (<i>Iowa c.</i>) '93. English	Oskaloosa, Ia.
Turner, James Jesse, <i>s</i>	Ph.B. (<i>Hiram c.</i>) '02. Chemistry, Physics	Hiram, O.
Twiss, Edith Minot, <i>s</i>	A.B. (<i>Ohio State u.</i>) '95. Botany, Zoology	Cleveland, O.
Tyree, Joseph Edgar, <i>a w sp</i>	A.B. (<i>u. of Oregon</i>) '00. Anatomy, Pathology (<i>fel.</i>)	Salt Lake, Utah
Unnewehr, Emma, <i>sp</i>	Ph.B. (<i>Franklin c.</i>) '04. German	New Point, Ind.
Unnewehr, George Louis, <i>s</i>	Ph.B. (<i>Franklin c.</i>) '04. German	Newpoint, Ind.
Usher, George Ephraim, <i>s sp</i>	A.B. (<i>u. of Georgia</i>) '00. Latin, English	Summit, Ga.
Vance, Cecil Edgar, <i>s a w sp</i>	A.B. (<i>Wilmington c.</i>) '90; A.M. (<i>Ibid.</i>) '91. Greek	Toledo, O.
Vance, Mildred, <i>s</i>	A.B. (<i>Doane c.</i>) '00. History, Education	Crete, Neb.
Van Doozer, Theodosia Kane, <i>w</i>	Ph.B. (<i>u. of Chicago</i>) '91. English	Chicago
Van Landingham, Henry Asa, <i>s</i>	A.B. (<i>Mississippi c.</i>) '93. English	Macon, Ga.
Van Meter, Mrs. Jessie Florence Bigelow, <i>a</i>	A.B. (<i>u. of Nebraska</i>) '95. German	Chicago
Van Nostrand, John James Jr., <i>w sp</i>	A.B. (<i>u. of Chicago</i>) '05. History, Greek, Latin	Chicago
Vaughn, Charles Walter, <i>s</i>	A.B. (<i>u. of Chicago</i>) '00. German, Romance	Covington, Tenn.
Vick, Margaret Julia, <i>s</i>	S.B. (<i>Wilson c.</i>) '91. Zoology, Physiology	Edgeworth, Pa.
Vivian, William Albert, <i>s</i>	L.B. (<i>u. of Wisconsin</i>) '02. History	Superior, Wis.
Von Eschen, Florian, <i>s a w sp</i>	Ph.B. (<i>Stimpeon c.</i>) '98; Ph.M. (<i>Ibid.</i>) '99. Chemistry, Physics	Shelby, Ia.
Von Unwerth, Frida, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '03. German	Kansas City, Mo.
Voorhees, Emelyne Smith, <i>s</i>	S.B. (<i>Knox c.</i>) '98. Romance, English	Washington
Wadsworth, Heilman Curtis, <i>a w sp</i>	A.B. (<i>Indiana u.</i>) '02. Anatomy	Washington, Ind.
Walker, Clara, <i>s</i>	S.B. (<i>u. of Chicago</i>) '01. Geology	Chicago
Walker, John Scott, <i>s</i>	A.B. (<i>u. of Virginia</i>) '02; A.M. (<i>Ibid.</i>) '02. Mathematics	Orange, Va.
Wallace, Brice Russell, <i>a w sp</i>	S.A. (<i>Albany c.</i>) '04. Anatomy	Albany, Ore.
Wallace, Carl E., <i>s</i>	A.B. (<i>u. of Kansas</i>) '96; A.M. (<i>Ibid.</i>) '97. History, Political Science	Hiawatha, Kan.
Wallace, Sarah Emma, <i>w sp</i>	S.B. (<i>u. of Chicago</i>) '97. Physics, Geology	Chicago
Walahe, Frances Louise, <i>a w</i>	Ph.B. (<i>u. of Chicago</i>) '00. English, History, Latin	Chicago
Ware, Mrs. Elizabeth Luella, <i>s</i>	Ph.B. (<i>u. of Chicago</i>) '04. History, English	Eaton
Warren, Henry Kimball, <i>s</i>	A.B. (<i>Olivet c.</i>) '82; A.M. (<i>Ibid.</i>) '85; LL.D. (<i>Ibid.</i>) '02. Political Economy, Sociology	Yankton, S.D.
Warvelle, Effie Bangs, <i>a w</i>	Ph.B. (<i>u. of Chicago</i>) '03. English	Chicago
Washburn, James Murray, <i>s</i>	A.B. (<i>Harvard u.</i>) '95. Pathology	Chicago
Waterhouse, Alfred Herbert, <i>s</i>	A.B. (<i>Princeton u.</i>) '02. Physiology	Pasadena, Cal.
Watson, John Brown, <i>s</i>	Ph.B. (<i>Brown u.</i>) '04. Physics, Chemistry	Atlanta, Ga.
Watson, Rachel Hammond, <i>s</i>	A.B. (<i>u. of Kansas</i>) '98. Latin, English	Lawrence, Kan.
Wayman, Agnes Rebecca, <i>a w</i>	A.B. (<i>u. of Chicago</i>) '03. Physiology	Chicago
Webb, Reuben David, <i>s</i>	S.B. (<i>Alabama Polytechnic inst.</i>) '97; S.M. (<i>Ibid.</i>) '98. English	Auburn, Ala.
Webster, Edgar Huidekoper, <i>s</i>	A.M. (<i>Atlanta u.</i>) '97; S.B. (<i>u. of Chicago</i>) '05. Geology, Chemistry	Atlanta, Ga.
Weidensall, Clara Jean, <i>s w</i>	A.B. (<i>Vassar c.</i>) '03. Philosophy (<i>fel.</i>)	Chicago
Weinberger, Carl Frederick, <i>s a w sp</i>	A.B. (<i>u. of Chicago</i>) '99. Anatomy, Physiology	Blue Earth, Minn.
Wells, Mary Evelyn, <i>a w sp</i>	A.B. (<i>Mt. Holyoke c.</i>) '04. Mathematics, Astronomy	Naugatuck, Conn.
Wells, Ruth, <i>s</i>	A.B. (<i>Vassar c.</i>) '00; A.M. (<i>Ibid.</i>) '01. Latin	Chicago
Wescott, Frank Howard, <i>a w sp</i>	A.B. (<i>u. of Chicago</i>) '97. Physics, Mathematics	Lacon
Wheeler, Clara Kingswell, <i>w</i>	Ph.B. (<i>u. of Chicago</i>) '05. English	Minneapolis, Minn.

THE GRADUATE SCHOOLS OF ARTS, LITERATURE, AND SCIENCE

NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Wheeler, Perry MacDowell, <i>s</i>	S.B. (<i>Bellevue c.</i>) '04. Education	South Omaha, Neb.
Wheeler, Ruth, <i>s</i>	A.B. (<i>Vassar c.</i>) '99. Chemistry	Pittston, Pa.
Whitcomb, Walter Delos, <i>a w sp</i>	S.B. (<i>Wheaton c.</i>) '05. Anatomy, Chemistry	Chicago
White, Adeline Ranson, <i>s a w</i>	L.B. (<i>u. of Wisconsin</i>) '99. Chemistry, Anatomy	Chicago
White, Alfred Everett, <i>s</i>	S.B. (<i>Purdue u.</i>) '04. Mathematics	Liberty, Ind.
White, John Boyd, <i>s</i>	A.B. (<i>Geneva c.</i>) '85; A.M. (<i>Ibid.</i>) '88. Greek, Latin	Annapolis, Md.
White, LeRoy Branch, <i>s</i>	A.B. (<i>u. of Chicago</i>) '08. Mathematics	Kalamazoo, Mich.
Whitman, Roscoe, <i>s</i>	A.B. (<i>u. of Wisconsin</i>) '04. Anatomy, Pathology	Dodgeville, Wis.
Wiggins, Robert Samuel, Jr., <i>s</i>	A.B. (<i>Emory c.</i>) '08. English	Lumpkin, Ga.
Wild, Payson Sibley, <i>a w sp</i>	A.B. (<i>Williams c.</i>) '91. Latin, Greek	Chicago
Wilkins, Lewanna, <i>s</i>	S.B. (<i>Wellesley c.</i>) '91; Botany, Zoology	Washington, D. C.
Willard, Lillian Winifred, <i>s</i>	A.B. (<i>u. of Denver</i>) '99. English	Denver, Colo.
Williams, Cora, <i>s</i>	Pd.B. (<i>State c. of Kentucky</i>) '02; S.M. (<i>Ibid.</i>) '08. Botany	Lexington, Ky.
Williams, Edward Marsh, <i>s</i>	S.B. (<i>u. of Chicago</i>) '02. Pathology	LaGrange
Williams, Joseph Asler, <i>s</i>	A.B. (<i>Washington u.</i>) '02; A.M. (<i>u. of Nebraska</i>) '08. German	St. Louis, Mo.
Williams, Joseph Dean, <i>s</i>	A.B. (<i>u. of Nashville</i>). History, English	Natasulga, Ala.
Williamson, Edward John, <i>a w sp</i>	A.B. (<i>Queens u.</i>) '96; A.M. (<i>Ibid.</i>) '00. German. Romance	Kingston, Can.
Wilson, Albert Miller, <i>s</i>	A.B. (<i>Indiana u.</i>) '00; A.M. (<i>Ibid.</i>) '03. Mathematics	St. Louis, Mo.
Wilson, James Meredith, <i>s</i>	Ph.B. (<i>Cornell u.</i>) '80. Chemistry	St. Louis, Mo.
Winchester, George, <i>s a w sp</i>	S.B. (<i>u. of Chicago</i>) '08. Physics, Chemistry	Elmore
Witbeck, Alice, <i>s</i>	L.B. (<i>Swarthmore c.</i>) '98. Romance, German	Belvidere
Woolbert, Charles Henry, <i>s</i>	A.B. (<i>Northwestern u.</i>) '00. English	Albion, Mich.
Wort, Julia Minot, <i>s</i>	A. B. (<i>u. of Nebraska</i>) '97. History	Lincoln, Neb.
Wreidt, Ernest August, <i>s w</i>	Ph.B. (<i>Kalamazoo c.</i>) '00; A.B. (<i>u. of Chicago</i>) '08. Education	Morgan Park
Wright, Alexander Holland, <i>s</i>	A.B. (<i>Washington and Jefferson c.</i>); A.M. (<i>Ibid.</i>) Chemistry, Zoology	New Concord, O.
Wright, Wilbur Hoyt, <i>s</i>	A.B. (<i>u. of Illinois</i>) '96. Chemistry, Pathology	Fort Dodge, Ia.
Wurster, Anna Marie, <i>s</i>	S.B. (<i>Purdue u.</i>) '08; S.M. (<i>Ibid.</i>) '04. Romance	Lafayette, Ind.
Wylie, Lulu Ethel, <i>a w sp</i>	Ph.B. (<i>Hamline u.</i>) '08. Sociology	Drayton, N. D.
Yamanouchi, Shigeo, <i>a w sp</i>	S.M. (<i>Teachers c., Tokyo</i>) '98. Botany (<i>fel.</i>)	Tokyo, Japan
Yoakum, Clarence Stone, <i>a w sp</i>	S.B. (<i>Campbell c.</i>) '01; A.B. (<i>Ibid.</i>) '02. Philosophy, English	Basehow, Kan.
Yoder, Orie Chris, <i>a w</i>	Ph.B. (<i>u. of Wooster</i>) '05. Anatomy, Pathology	Weilersville, O.
Yoshioka, Ghen-ichiro, <i>a w</i>	Ph.B. (<i>Northwestern u.</i>) '02. Sanskrit, German, Greek (<i>fel.</i>)	Okayama, Japan
Young, May Sophie, <i>s</i>	A.B. (<i>Wellesley c.</i>) '95. Botany, Geology	Kansas City, Kan.
Youngman, Anna Pritchett, <i>a w sp</i>	Ph.B. (<i>u. of Chicago</i>) '04. Political Economy (<i>fel.</i>)	Louisville, Ky.
Zipf, Ferdinand Joseph, <i>s</i>	A.B. (<i>u. of Illinois</i>) '02. Philosophy	Peotone
Zurawski, Frances Catherine, <i>s</i>	S.B. (<i>u. of Chicago</i>) '04. Mathematics, Geology	Chicago

MEN — 535

WOMEN — 337

TOTAL — 872

THE GRADUATE SCHOOLS OF ARTS, LITERATURE, AND SCIENCE

SUMMARY

	Men	Women	Total
I. Doctors of Philosophy pursuing special courses.....	18	6	19
II. Students admitted to candidacy for higher degrees.....	131	50	181
III. Students not yet admitted to candidacy for higher degrees.....	534	338	872
Total.....	678	394	1072

THE COLLEGES

NOTE.—In the second column the italicized letters *A, L, S, C*, indicate respectively the Colleges of Arts, of Literature, of Science, and of Commerce and Administration.

THE SENIOR COLLEGES

*Taking work during the Winter Quarter in John B. Stetson University, De Land, Fla.

‡Taking pre-medical work.

NAME	COLLEGE	PREVIOUS INSTITUTION	HOME ADDRESS
Abbott, Donald Putnam, <i>a w sp</i>	<i>S.</i>	Junior c. (u. of Chicago)	Chicago
Abbott, John Simpson, <i>s</i>	<i>A.</i>	Graduate s. (u. of Chicago)	Dallas, Tex.
Adams, Flora Dodson, <i>a w sp</i>	<i>L.</i>	Woman's c. Baltimore, Md.	Norfolk, Va.
Adkinson, Laura Ruth, <i>s</i>	<i>A.</i>	Junior c. (u. of Chicago)	Chicago
Ahrens, Edward Hamblin, <i>a w sp</i>	<i>C.</i>	Junior c. (u. of Chicago)	Chicago
‡Aitken, Arthur Noble, <i>a w sp</i>	<i>S.</i>	Junior c. (u. of Chicago)	Harvey
Alexander, Julia Florence, <i>s</i>	<i>L.</i>	Unclassified (u. of Chicago)	Wabash, Ind.
Alexander, Ruth, <i>a w sp</i>	<i>L.</i>	Wittenberg c.	Chicago
Allardyce, Margaret Blanche, <i>a w sp</i>	<i>A.</i>	Junior c. (u. of Chicago)	Chicago
Ames, Jessie Hoyt, <i>a</i>	<i>A.</i>	Kalamazoo c.	Kalamazoo, Mich.
Anderson, Gustavus Edwin, <i>s</i>	<i>S.</i>	Unclassified (u. of Chicago)	Lehi, Utah
Anderson, Martin Eli, <i>a w</i>	<i>A.</i>	Junior c. (u. of Chicago)	Chicago
Andrews, Ellen Hewitt, <i>s</i>	<i>L.</i>	Maryville c.	Butler, Pa.
Annan, Isabel Donaldson, <i>w sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Chicago
Anthony, Katharine Susan <i>s</i>	<i>L.</i>	u. of Nashville	Chicago
Arbuckle, Philip Heckman, <i>w sp</i>	<i>C.</i>	Junior c. (u. of Chicago)	Kingston
Arthur, Lucy Anne, <i>sp</i>	<i>L.</i>	Unclassified (u. of Chicago)	Beloit, Kan.
Atteridge, Harold Richard, <i>w sp</i>	<i>C.</i>	Junior c. (u. of Chicago)	Chicago
Axelson, Charles Frederic, <i>w sp</i>	<i>C.</i>	Junior c. (u. of Chicago)	Chicago
Babb, Belle Lydia, <i>w sp</i>	<i>L.</i>	Lewis inst.	Chicago
Rabcock, Roy Wilbur, <i>s a w</i>	<i>A.</i>	Junior c. (u. of Chicago)	Elgin
Bailey, Maude Ada, <i>a w sp</i>	<i>S.</i>	Junior c. (u. of Chicago)	Chicago
*Bailey, Ralph Williams, <i>a w</i>	<i>C.</i>	Northwestern u.	Waupaca, Wis.
Baird, Frederick Rogers, <i>a w sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Chicago
Baldwin, Robert Frederick, <i>sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Chicago
Baptista, John Maximilian, <i>a w sp</i>	<i>L.</i>	Leland Stanford u.	Chicago
Barkenbus, Maud Emily, <i>s</i>	<i>L.</i>	Graduate s. (u. of Chicago)	Kalamazoo, Mich.
Barker, Grace Sarah Taylor, <i>w sp</i>	<i>S.</i>	Junior c. (u. of Chicago)	Chicago
Bamberger, Arrie, <i>sp</i>	<i>S.</i>	Junior c. (u. of Chicago)	Chicago
‡Barnes, Benjamin Spafford, <i>a w sp</i>	<i>S.</i>	Tabor c.	Tabor, Ia.
Barnet, Jeannette, <i>s a w sp</i>	<i>A.</i>	Junior c. (u. of Chicago)	Chicago
Bash, Flint, <i>sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Warsaw, Ind.
Bass, Elizabeth Adams, <i>s</i>	<i>L.</i>	Unclassified (u. of Chicago)	Chicago
Bassett, Helena Marie, <i>a w</i>	<i>A.</i>	Junior c. (u. of Chicago)	Chicago
Bassett, Mary Elizabeth, <i>a w sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Chicago
Beach, George Remington, <i>w</i>	<i>C.</i>	Junior c. (u. of Chicago)	Chicago
Beaty, Anna McCants, <i>s a w</i>	<i>L.</i>	c. for Women, Columbus, S. C.	Winsboro, S. C.
‡Becht, Frank Christian, <i>a w sp</i>	<i>S.</i>	Bradley Poly. inst.	E. Peoria
Beckwith, Floyd Irving, <i>s</i>	<i>S.</i>	Divinity s. (u. of Chicago)	Chicago
Bednorz, Charles, <i>sp</i>	<i>S.</i>	Junior c. (u. of Chicago)	Chicago

THE SENIOR COLLEGES

NAME	COLLEGE	PREVIOUS INSTITUTION	HOME ADDRESS
*Beed, Grace, <i>w sp</i>	L.	Junior c. (u. of Chicago)	Kansas City, Mo.
Beers, Florence Nettie, <i>s</i>	L.	Junior c. (u. of Chicago)	Chicago
Bell, Beatrice Medill, <i>a w sp</i>	L.	Lewis inst.	Chicago
Bell, Bernard Iddings, <i>sp</i>	A.	Junior c. (u. of Chicago)	Hackensack, N. J.
Bennett, Judson Gerald, <i>a w sp</i>	S.	Junior c. (u. of Chicago)	Colorado Springs, Colo.
Benson, Bernice, <i>a w</i>	L.	Junior c. (u. of Chicago)	Chicago
Benson, Charles Lee, <i>a w sp</i>	S.	Lewis inst.	Chicago
Berens, Helmut, <i>s a w</i>	A.	Junior c. (u. of Chicago)	Elmhurst
Bergold, Lillian Clara, <i>s a w sp</i>	L.	Junior c. (u. of Chicago)	Springfield
Bergstrom, Anna Theodora, <i>a w sp</i>	A.	Lewis inst.	Chicago
† Berlin, Louis Samuel, <i>w sp</i>	S.	Junior c. (u. of Chicago)	Chicago
Bernard, Floyd Erwin, <i>w sp</i>	A.	Leland Stanford u.	Sandusky, N. Y.
Berquist, Mabel Jenny, <i>w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Berry, James Francis, Jr., <i>a</i>	L.	u. of California	San Francisco, Cal.
Bezdek, Hugo Frank, <i>a w sp</i>	S.	Junior c. (u. of Chicago)	Chicago
Biegler, Marion, <i>s</i>	L.	Junior c. (u. of Chicago)	Morgan Park
Bittner, Walton Simon, <i>w s</i>	A.	Junior c. (u. of Chicago)	Chicago
Boden, Anna Friedericke, <i>a w sp</i>	L.	c. of Education (u. of Chicago)	Kellogg, Ia.
Bodler, Sophia Louise, <i>a w sp</i>	L.	Bucknell u.	Germania, Pa.
Boeke, Alma Marie, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Sheridan, Wyo.
Boeke, Clara Caroline, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Sheridan, Wyo.
Boone, William James, <i>a</i>	L.	Hillsdale c.	Hillsdale, Mich.
Bostrom, Signa Delphine, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Spokane, Wash.
Bouroff, Basil Andreevitch, <i>w</i>	A.	acad. of St. Petersburg, Russia	Chicago
Bouton, Gertrude Sadie, <i>a w sp</i>	A.	Junior c. (u. of Chicago)	Springfield, Ore.
Bovee, Arthur Gibbon, <i>w sp</i>	L.	Junior c. (u. of Chicago)	Washington, D. C.
Bovell, Ruth Ernestine, <i>sp</i>	A.	Junior c. (u. of Chicago)	Burlington, Ia.
Bowers, Abraham, <i>s a w</i>	L.	Junior c. (u. of Chicago)	Sheridan, Ind.
Boyer, Arthur Manley, <i>w</i>	C.	Junior c. (u. of Chicago)	Chicago
Bradley, Mae Elizabeth, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Bradley, Zoe Smith, <i>a w</i>	A.	Hillsdale c.	Chicago
†Braude, Benjamin, <i>a w sp</i>	S.	Junior c. (u. of Chicago)	Chicago
Brawley, Benjamin Griffith, <i>s</i>	L.	Atlanta Baptist c.	Fernandina, Fla.
Breen, Frances, <i>a w sp</i>	A.	South Side a.	Chicago
Brewer, Basil, <i>a</i>	S.	Junior c. (u. of Chicago)	Kirksville, Mo.
Breyfogle, Herbert Arthur, <i>a</i>	S.	Ohio Wesleyan u.	Chicago
Briggs, Alice, <i>s a</i>	L.	Junior c. (u. of Chicago)	Chicago
Brooks, Paul Porter Bolivar, <i>s</i>	S.	Junior c. (u. of Chicago)	State Line, Ind.
Brown, Hazel Louise, <i>a w</i>	A.	Lewis inst.	Chicago
Brown, Margaret Persis, <i>a w sp</i>	L.	c. of Education (u. of Chicago)	Chicago
Browning, Lucy Emeline, <i>w sp</i>	L.	Junior c. (u. of Chicago)	Elgin
Bruce, Charles Arthur, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Kansas City, Mo.
Buechler, Edna Marie, <i>a w</i>	A.	Junior c. (u. of Chicago)	Chicago
Bullock, Royal Wesley, <i>s</i>	L.	u. of Colorado.	Greeley, Colo.
Bunch, Irene Otis, <i>sp</i>	L.	Junior c. (u. of Chicago)	Peoria
Bunzel, Herbert Horace, <i>a w sp</i>	S.	Junior c. (u. of Chicago)	Chicago
Burch, Joseph Earl, <i>sp</i>	C.	State u. of Missouri	Clearmont, Mo.
Burke, Raymond Hugh, <i>a w sp</i>	S.	Oberlin c.	Chicago
Burlingame, Leonas Lancelot, <i>w</i>	A.	Unclassified (u. of Chicago)	Chicago

THE SENIOR COLLEGES

NAME	COLLEGE	PREVIOUS INSTITUTION	HOME ADDRESS
Burns, Clarence Spence, <i>sp</i>	A.	Divinity s. (u. of Chicago)	Bay City, Mich.
Burton, Margaret Ernestine, <i>s a w</i>	A.	Junior c. (u. of Chicago)	Chicago
Bush, Florence May, <i>a w sp</i>	A.	Junior c. (u. of Chicago)	Chicago
Butler, Blanche Morton, <i>sp</i>	S.	u. of Michigan	Morgantown, W. Va.
Butts, Maud, <i>a w sp</i>	L.	Unclassified (u. of Chicago)	Trinidad, Colo.
Cadwell, Charles N., <i>a</i>	L.	Law s. (u. of Chicago)	Cadwell
Campbell, Joseph Bailey, <i>s</i>	A.	Vanderbilt u.	Bentwood, Tenn.
Carlock, Mary Madeline, <i>sp</i>	A.	Junior c. (u. of Chicago)	Chicago
Carnes, Portia, <i>w sp</i>	L.	Lewis inst.	Chicago
Carothers, Neil, <i>s</i>	A.	u. of Arkansas	Oxford, England
Carroll, Bessie Marie, <i>sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Carver, Frances, <i>s a w sp</i>	A.	Junior c. (u. of Chicago)	Chicago
Cary, Raymond John, <i>s</i>	S.	Iowa c.	Atlantic, Ia.
Casey, Elizabeth, <i>s a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Catlin, Mark Seavey, <i>a</i>	C.	Junior c. (u. of Chicago)	Sugar Grove
Cawthon, William Stanmore, <i>s</i>	A.	Southern u. of Tennessee	DeFuniak Springs, Fla.
Chandler, Frances, <i>w sp</i>	A.	Junior c. (u. of Chicago)	Chicago
Clapp, Myrtle, <i>w sp</i>	L.	Unclassified (u. of Chicago)	Greenville, O.
Clark, Ellen Mary, <i>a w sp</i>	A.	Junior c. (u. of Chicago)	Chicago
Clark, Sybil Harriet, <i>a w sp</i>	L.	Macalester u.	St. Cloud, Minn.
Clendinning, Frances, <i>s</i>	L.	Junior c. (u. of Chicago)	Chicago
Cleveland, John Baxter, <i>s a w sp</i>	A.	Unclassified (u. of Chicago)	Kewanee
Cleven, Nels Andres Nelson, <i>a w</i>	S.	Augustana c.	Wist, S. D.
Cline, Carrie, <i>a w sp</i>	A.	Tri-State Normal sch.	Angola, Ind.
Clinnin, Josephine Margaret, <i>a w sp</i>	S.	Lewis inst.	Chicago
Cluff, Walter Elmo, <i>sp</i>	L.	Unclassified (u. of Chicago)	Chicago
Cohen, George Bernard, <i>a w sp</i>	C.	Junior c. (u. of Chicago)	Chicago
Colby, Francis, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Condray, William Francis, <i>s</i>	L.	Junior c. (u. of Chicago)	Searcy, Ark.
Cooney, Ellyn Kelton, <i>s a w sp</i>	A.	Junior c. (u. of Chicago)	Chicago
Core, Charlotte Alberta, <i>w sp</i>	A.	Junior c. (u. of Chicago)	Chicago
Corkell, Marguerite Aileen, <i>w sp</i>	A.	Northwestern u.	Chicago
Cornelius, Evalyn Sarah, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
†Cornell, Edward Lyman, <i>a w</i>	S.	Junior c. (u. of Chicago)	Chicago
Corper, Harry John, <i>s a sp</i>	S.	Junior c. (u. of Chicago)	Chicago
Cottrell, Anna Louise, <i>a w</i>	L.	Lewis inst.	Chicago
Cox, Emily Bancroft, <i>s a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Craig, Alexander, <i>sp</i>	S.	Augustana c.	Rock Island
Craig, Eleanor, <i>s a w</i>	L.	Vassar c.	Rock Island
Craig, John Bradford, <i>s</i>	A.	Geneva c.	Beaver, Pa.
Crippen, Guy Carlton, <i>sp</i>	L.	Denton u.	Granville, O.
Crouch, Rachel Pierson, <i>s</i>	L.	Unclassified (u. of Chicago)	Kirkwood
Cuppy, William Jacob, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Currens, Carrie, <i>s a w</i>	A.	Junior c. (u. of Chicago)	Chicago
Curtiss, Mary Harriet, <i>s</i>	L.	u. of Michigan.	Syracuse, Ind.
Cushman, Lillian Sophia, <i>w</i>	L.	Highland Hall	Chicago
Cutright, Florence Adah, <i>a w sp</i>	A.	Bradley Poly. inst.	Peoria
Cutting, Laverne Harrison, <i>sp</i>	S.	Junior c. (u. of Chicago)	Aurora
Dasher, George Franklin, <i>s</i>	S.	Kalamazoo c.	Kalamazoo, Mich.

THE SENIOR COLLEGES

NAME	COLLEGE	PREVIOUS INSTITUTION	HOME ADDRESS
Davenport, William Horace, <i>a w sp</i>	L.	Eureka c.	Chicago
†Davis, Carl H., <i>a w sp</i>	S.	u. of Oregon	Eugene, Ore.
Davis, Cleora Emory, <i>a</i>	A.	Kalamazoo c.	Kalamazoo, Mich.
Davis, Jesse Newton, <i>a</i>	S.	Grand Island c.	Holbrook, Neb.
Davis, Roy Francis, <i>a w</i>	S.	Junior c. (u. of Chicago)	Carbondale
Day, Mary Bostwick, <i>sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Dement, Mary Louise, <i>a w sp</i>	S.	Junior c. (u. of Chicago)	Chicago
†Denney, Robert Stevenson, <i>a w sp</i>	S.	Beloit c.	Aurora
Dewhurst, Winifred Perry, <i>w sp</i>	A.	Junior c. (u. of Chicago)	Chicago
De Wolfe, John Chauncey, <i>sp</i>	L.	Junior c. (u. of Chicago)	Maywood
Dickerson, James Dwight, <i>s a w</i>	A.	Junior c. (u. of Chicago)	Evanston
Dixon, Karl Hale, <i>sp</i>	C.	Junior c. (u. of Chicago)	Chicago
Dodge, Berenice Frances, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Elkhart, Ind.
Dodge, Faith Hunter, <i>a w sp</i>	L.	Kalamazoo c.	Goshen, Ind.
Dodge, Paul Hunter, <i>s a w sp</i>	S.	Junior c. (u. of Chicago)	Goshen, Ind.
Doherty, Robert Emmett, <i>s a</i>	S.	Junior c. (u. of Chicago)	Chicago
Donahue, Jeannette, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Donders, Marie Charlotte, <i>s</i>	L.	Unclassified (u. of Chicago)	Chicago
†Donker, Adrian Edward, <i>w sp</i>	S.	Junior c. (u. of Chicago)	Grand Rapids, Mich.
†Doseff, Doeu, <i>sp</i>	S.	Graduate s. (u. of Chicago)	Tacoma, Wash.
Dougan, Alice Marie, <i>a w sp</i>	L.	Harvard Summer s.	Middle Granville, N. Y.
Dresden, Arnold, <i>a</i>	S.	u. of Amsterdam	Chicago
Drew, Harriet Chamberlin, <i>s w sp</i>	L.	Packer College inst.	Chicago
Drury, Mabel, <i>a w sp</i>	A.	Western c., Toledo, Ohio	Dayton, O.
Dunwell, Minnie Mabel, <i>s</i>	L.	West Division hs.	Chicago
Dutton, Charlotte Reed, <i>s</i>	L.	Unclassified (u. of Chicago)	Meadville, Pa.
Dymond, Lida, <i>s</i>	L.	Junior c. (u. of Chicago)	Lake Zurich
Edwards, Neta Gertrude, <i>a w sp</i>	L.	Bradley Poly. inst.	Chicago
Eisendrath, David Samson, <i>sp</i>	C.	Junior c. (u. of Chicago)	Chicago
Elfreth, Anna Elizabeth, <i>s</i>	L.	Bryn Mawr c.	Chicago
Ellis, Roy Valmer, <i>s</i>	A.	Buchanan c.	Troy, N. Y.
Elston, Fred Carrol, <i>a w sp</i>	L.	Minnesota c.	Duluth, Minn.
Emrick, Ulysses Roscoe, <i>a</i>	L.	Junior c. (u. of Chicago)	Chicago
Engle, Irene Victoria, <i>a w</i>	A.	Junior c. (u. of Chicago)	Austin
English, Benjamin Charles	C.	Junior c. (u. of Chicago)	Danville
Enoch, Albert Blaine, <i>w sp</i>	C.	Junior c. (u. of Chicago)	Ottumwa, Ia.
Epstein, Lena, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Hancock, Mich.
Ericson, Henry, <i>a w sp</i>	S.	Lombard c.	Galesburg
Everett, William Ellis, <i>s</i>	L.	Unclassified (u. of Chicago)	Glasgow, Ky.
Fairchild, Roscoe Simpson, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Danville
Faust, George Reinhard, <i>a w</i>	L.	Lewis inst.	Chicago
Felt, Ida Amelia, <i>s</i>	L.	Junior c. (u. of Chicago)	Chicago
Fennessy, Katherine Marie, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Fernald, Luther Dana, <i>sp</i>	C.	Junior c. (u. of Chicago)	New Brighton, N. Y.
Finger, Sherman William, <i>a w sp</i>	C.	Yankton c.	Chicago
Fisher, Nellie Mignon, <i>s</i>	A.	u. of Colorado.	Pueblo, Colo.
Fiske, Avis, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Helena, Mont.
Flagg, Eda Delphine, <i>w sp</i>	L.	Unclassified (u. of Chicago)	Chicago
Fleming, Sam Clifton, <i>w sp</i>	A.	Vanderbilt u.	Franklin, Tenn.

THE SENIOR COLLEGES

NAME	COLLEGE	PREVIOUS INSTITUTION	HOME ADDRESS
Fletcher, Albie Naomi, <i>s</i>	<i>L.</i>	<i>Kalamazoo c.</i>	Gobleville, Mich.
Flood, James Douglas, <i>sp</i>	<i>C.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
†Flores, Gabriel P., <i>s</i>	<i>S.</i>	<i>u. of Missouri</i>	Manila, P. I.
Foltz, Pearl Evaline, <i>s</i>	<i>A.</i>	Junior c. (<i>u. of Chicago</i>)	St. Joseph, Mich.
Fort, Clara Emily, <i>a w sp</i>	<i>L.</i>	<i>Illinois Wesleyan u.</i>	Minonk
Foster, Jessica, <i>a w sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Foster, Roland Clyde, <i>s</i>	<i>C.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Fox, Bertha Weiman, <i>sp</i>	<i>A.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Fralick, May Elizabeth, <i>w sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
*Frank, Alice Janet, <i>a w sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Frank, Hannah, <i>a w</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Jefferson Park
†Frank, Louis Harry, <i>a w sp</i>	<i>S.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Franklin, Beulah Waters, <i>w</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Lexington
Frasch, Lillian Myrta, <i>s</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Pittsburg, Pa.
Frazer, Charles Rivers, <i>s</i>	<i>A.</i>	<i>Brown u.</i>	Raleigh, N. C.
Freeman, Harry Struble, <i>a w sp</i>	<i>L.</i>	<i>Illinois c.</i>	Jacksonville
Friend, Hugo Morris, <i>s a w</i>	<i>C.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Fuesle, Newton Augustus, <i>s a w sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Naperville
Gaba, Meyer, <i>a w sp</i>	<i>S.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Gale, Burton Pike, <i>sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Aurora
Gannon, Katherine Harriet, <i>w sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Ganser, Amelié Bertha, <i>a w</i>	<i>A.</i>	Junior c. (<i>u. of Chicago</i>)	Buffalo, N. Y.
Garnett, Cyrus Logan, <i>s a w sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Garritty, Mary, <i>a w sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Gasser, Jessie, <i>a w sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Dubuque, Ia.
Gaston, Herbert Earle, <i>w sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Gavin, Helena, <i>s a</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Walworth, Wis.
Gavin, Mary Angelica, <i>s a w sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Gaylord, Gladys Elizabeth, <i>a w sp</i>	<i>C.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
†Gerstley, Jesse Robert, <i>s a w sp</i>	<i>S.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Gibbons, Laura Evelyn, <i>a w sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Gibney, Annie Jean, <i>s</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Phillipsburg, N. J.
Gidart, Augustus William, <i>w sp</i>	<i>A.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Gilbert, Georgiana, <i>sp</i>	<i>A.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Gleason, Margaret, <i>a w sp</i>	<i>L.</i>	<i>u. of Iowa</i>	Davenport, Ia.
Goodrich, Clara Swearingen, <i>sp</i>	<i>S.</i>	<i>Kansas Agricultural c.</i>	Mankato, Kan.
Goodwin, Claribel, <i>a</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Googins, Medora Henson, <i>a w sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Goraline, Will Wood, <i>s a</i>	<i>S.</i>	<i>Bradley Poly. inst.</i>	Peoria
Gotham, Charles Lewis, <i>s</i>	<i>S.</i>	<i>Oshkosh State Normal s.</i>	Milwaukee, Wis.
Graves, George West, <i>a w sp</i>	<i>L.</i>	<i>Oberlin c.</i>	Chicago
Gray, Cora Emily, <i>s a w sp</i>	<i>S.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Gray, Paul Rowley, <i>w sp</i>	<i>A.</i>	Junior c. (<i>u. of Chicago</i>)	Evansville, Wis.
Gray, William Buckingham, <i>w sp</i>	<i>C.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
†Greer, James Richard, <i>sp</i>	<i>S.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Gridley, Eben Elwood, <i>s</i>	<i>L.</i>	Unclassified (<i>u. of Chicago</i>)	Emporia, Kan.
Grim, Otto Frederick, <i>a w sp</i>	<i>L.</i>	<i>u. of Michigan</i>	Alpena, Mich.
Gyllenhaal, Leonard Ephraim, <i>s</i>	<i>A.</i>	Junior c. (<i>u. of Chicago</i>)	Glen View
Haeesler, Luise, <i>sp</i>	<i>A.</i>	Unclassified (<i>u. of Chicago</i>)	Milwaukee, Wis.

THE SENIOR COLLEGES

NAME	COLLEGE	PREVIOUS INSTITUTION	HOME ADDRESS
Hall, Edith, <i>a w sp</i>	S.	<i>Lewis inst.</i>	Chicago
Hall, Robert Anderson, <i>s</i>	A.	Graduate s. (u. of Chicago)	Houston, Tex.
†Halsey, Henry Rowland, <i>s</i>	S.	<i>State Normal</i> , Oshkosh, Wis.	Oshkosh, Wis.
Hannan, Anna Aloydhia, <i>s a w sp</i>	A.	<i>Milwaukee Normal s.</i>	Milwaukee, Wis.
Hanson, Florence Curtis, <i>s</i>	L.	<i>Vassar c</i>	Olean, N. Y.
Hardman, Mary Alma, <i>s a w sp</i>	S.	Junior c. (u. of Chicago)	South Bend, Ind.
Harper, Jesse Claire, <i>sp</i>	C.	Junior c. (u. of Chicago)	Chicago
Harrison, Blaine Goss, <i>a</i>	A.	Junior c. (u. of Chicago)	Grafton, O.
Hart, Mary Lucretia, <i>a w sp</i>	L.	<i>International Guild</i> , Paris	Brooklyn, N. Y.
Haskell, Suzanne Courtonne, <i>a w sp</i>	L.	<i>c. for Women</i>	Columbia, S. C.
†Hasner, Robert Bain, <i>a w sp</i>	S.	Junior c. (u. of Chicago)	Independence, Ia.
Hatfield, Frederick Davis, <i>s</i>	C.	Junior c. (u. of Chicago)	Chicago
Hatfield, William Hugh, <i>a w sp</i>	S.	Junior c. (u. of Chicago)	Chicago
Hatton, Mildred, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Haylett, Abbie Potter, <i>w sp</i>	L.	<i>Ohio Wesleyan u.</i>	Racine, Wis.
Hawes, Ada, <i>s</i>	A.	<i>Atlanta u.</i>	Macon, Ga.
Hayde, Evelyn Marie, <i>a</i>	L.	Junior c. (u. of Chicago)	Chicago
Heaford, Ethel Virginia, <i>a</i>	A.	<i>Wellesley c.</i>	Chicago
Heap, Mary Fiske, <i>sp</i>	A.	Junior c. (u. of Chicago)	Chicago
Heckman, Lillian Starrett, <i>a w sp</i>	S.	<i>Bradley Poly. inst.</i>	Peoria
Heil, Herman Gustavus, <i>s</i>	L.	Junior c. (u. of Chicago)	Chicago
Hemenger, Carrie B., <i>s</i>	A.	Unclassified (u. of Chicago)	Detroit, Mich.
Henderson, Bertha, <i>a w sp</i>	S.	<i>u. of Nebraska.</i>	Fairbury, Neb.
Hendricks, Helen Elizabeth, <i>w sp</i>	L.	Junior c. (u. of Chicago)	Madisonville, Ky.
Henneberry, William Paul, Jr., <i>a w sp</i>	C.	<i>Harvard u.</i>	Chicago
Henson, Mary Gordon, <i>s a w</i>	L.	Junior c. (u. of Chicago)	Chicago
†Herdman, Samuel Beck, <i>a w sp</i>	S.	<i>Lake Forest c.</i>	Taylorville
Hickey, James Vincent, <i>s a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Hill, James Madison, <i>a w sp</i>	S.	Junior c. (u. of Chicago)	Chicago
Hillman, Elizabeth, <i>w sp</i>	L.	Graduate s. (u. of Chicago)	Pittsburg, Pa.
Hirschl, Marcus Andrew, <i>w sp</i>	C.	Junior c. (u. of Chicago)	Chicago
Hoebeker, Ada Mary, <i>a</i>	A.	<i>Kalamazoo c.</i>	Kalamazoo, Mich.
Hoekstra, Peter, <i>a w sp</i>	A.	Junior c. (u. of Chicago)	Chicago
Hoffman, Anna Frances, <i>a w</i>	L.	Junior c. (u. of Chicago)	Michigan City, Ind.
Hogan, Blanche Rose, <i>w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Hogge, Alice Margaret, <i>a w sp</i>	A.	Junior c. (u. of Chicago)	Chicago
Holden, Lulu May, <i>s</i>	L.	Unclassified (u. of Chicago)	Richfield, O.
Hollinbeck, Frans Justus, <i>w sp</i>	A.	Junior c. (u. of Chicago)	Bertrand, Neb.
Hook, Inghram Dickson, <i>s</i>	C.	Junior c. (u. of Chicago)	Leavenworth
Hoover, José Ward, <i>w sp</i>	C.	Junior c. (u. of Chicago)	Chicago
Hopkins, Albert Jarvis, Jr. <i>s a</i>	C.	Junior c. (u. of Chicago)	Aurora
Horn, Luella May, <i>s a w</i>	S.	Junior c. (u. of Chicago)	Chicago
Horn, Pauline Ruth, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Hornstein, Fred <i>s a</i>	L.	Junior c. (u. of Chicago)	Chicago
†Horovitz, David Alfred, <i>s a w</i>	S.	Junior c. (u. of Chicago)	Chicago
*Horton, Horace Babcock, <i>s a w sp</i>	S.	Junior c. (u. of Chicago)	Chicago
Hostetter, Earl DeWitt, <i>w sp</i>	C.	Junior c. (u. of Chicago)	Chicago
Hough, Anne, <i>w sp</i>	S.	Junior c. (u. of Chicago)	Chicago
Houghton, Albert Balch, <i>sp</i>	C.	Unclassified (u. of Chicago)	Milwaukee, Wis.

THE SENIOR COLLEGES

NAME	COLLEGE	PREVIOUS INSTITUTION	HOME ADDRESS
Howard, Anna, <i>a sp</i>	A.	Unclassified (<i>u. of Chicago</i>)	Fremont, Neb.
Hoy, Nathaniel Elisha, <i>w</i>	L.	Graduate s. (<i>u. of Chicago</i>)	Winthrop, S. D.
Hughes, Felix Turner, <i>a w sp</i>	C.	Junior c. (<i>u. of Chicago</i>)	Ottumwa, Ia.
Hulbert, James Root, <i>w sp</i>	A.	Junior c. (<i>u. of Chicago</i>)	Chicago
Hultman, Frank Magnus, <i>a w sp</i>	L.	Junior c. (<i>u. of Chicago</i>)	Omaha, Neb.
Hunter, Estelle Belle, <i>sp</i>	C.	Junior c. (<i>u. of Chicago</i>)	Kankakee
†Hutchinson, George Archibald, <i>a w</i>	S.	Medical s. (<i>u. of Chicago</i>)	Capron
Ingalls, Mae Ethel, <i>a sp</i>	A.	Junior c. (<i>u. of Chicago</i>)	Webster Groves, Mo.
Ito, Jinjiro, <i>w</i>	L.	Graduate s. (<i>u. of Chicago</i>)	Tokyo, Japan
Jacobsen, Olga, <i>a w sp</i>	L.	<i>Lewis inst.</i>	Chicago
James, Herman G., <i>s</i>	S.	<i>u. of Illinois</i>	Urbana
Jessup, Eva Margaret, <i>w sp</i>	A.	Junior c. (<i>u. of Chicago</i>)	Chicago
Johnson, Cecelia, <i>a w sp</i>	L.	Junior c. (<i>u. of Chicago</i>)	Chicago
Johnson, Cora Hannah, <i>w</i>	A.	Junior c. (<i>u. of Chicago</i>)	Osage, Ia.
Johnson, Lillie Valnora, <i>a w sp</i>	L.	<i>u. of Leipzig</i>	Oak Park
Johnson, Mary Clinton, <i>a w sp</i>	L.	<i>Vassar c.</i>	Springfield
Johnson, Walter Murray, <i>s</i>	L.	Junior c. (<i>u. of Chicago</i>)	Chicago
Johnston, Emily Belle, <i>a w sp</i>	S.	Junior c. (<i>u. of Chicago</i>)	Portland, Ore.
Jones, Ella May, <i>a w sp</i>	L.	Junior c. (<i>u. of Chicago</i>)	Chicago
Jones, Flora Thomson, <i>sp</i>	A.	Junior c. (<i>u. of Chicago</i>)	Garrett, Ind.
Jones, Wellington Downing, <i>sp</i>	S.	Junior c. (<i>u. of Chicago</i>)	Chicago
Judson, Myrtle Etta, <i>a w sp</i>	L.	Junior c. (<i>u. of Chicago</i>)	Chicago
Kaufmann, Gustav Leonard, <i>a w</i>	S.	<i>Northwestern u.</i>	Chicago
Kay, Fred Hall, <i>s a w sp</i>	S.	Junior c. (<i>u. of Chicago</i>)	Camp Point
Kelley, Dorothea Heston, <i>a</i>	L.	Junior c. (<i>u. of Chicago</i>)	South Bend, Ind.
Kelley, Isabelle, <i>sp</i>	L.	Junior c. (<i>u. of Chicago</i>)	Chicago
Kellogg, Marion Ruth, <i>a w sp</i>	A.	Junior c. (<i>u. of Chicago</i>)	Chicago
Kelly, Catherine Mary, <i>a w sp</i>	L.	Junior c. (<i>u. of Chicago</i>)	Chicago
Kelly, Hazel Dell, <i>sp</i>	L.	Junior c. (<i>u. of Chicago</i>)	Chicago
Kelly, John Frederick, <i>a w sp</i>	S.	<i>Ewing c.</i>	Mt. Vernon
Kemp, Nelle Madison, <i>s a w sp</i>	L.	<i>Franklin c.</i>	Salem, Ind.
Kennedy, Charles Ferguson, <i>s</i>	C.	Junior c. (<i>u. of Chicago</i>)	Chicago
Kent, Alfred Richard G., <i>a</i>	L.	<i>Carthage c.</i>	Peabody, Kan.
Kerwin, Edward Michael, <i>s</i>	A.	Junior c. (<i>u. of Chicago</i>)	Chicago
Ketcham, Florence Livonia, <i>a w</i>	L.	<i>Hamline u.</i>	Minooka
Kiely, Katherine Josephine V., <i>a w sp</i>	L.	Junior c. (<i>u. of Chicago</i>)	Chicago
Kilgore, Sherman Noble, <i>a w</i>	S.	Junior c. (<i>u. of Chicago</i>)	Chicago
Killie, Guy Edward, <i>s</i>	A.	Divinity s. (<i>u. of Chicago</i>)	Indianapolis, Ind.
Kiper, Pearl, <i>a w sp</i>	L.	<i>Vassar c.</i>	Chicago
Knudsen, Grace Whiting, <i>s w sp</i>	S.	Junior c. (<i>u. of Chicago</i>)	East Orange, N. J.
von Kolkow, Charles Reinhard, <i>a w sp</i>	S.	<i>Lewis inst.</i>	Chicago
†Korns, John Hamilton, <i>sp</i>	S.	Graduate s. (<i>u. of Chicago</i>)	Mt. Victory, O.
Krackowizer, Alice Marie, <i>a w</i>	S.	Junior c. (<i>u. of Chicago</i>)	Yonkers, N. Y.
Kuehne, Gertrude Henrietta, <i>a w sp</i>	L.	Junior c. (<i>u. of Chicago</i>)	LaPorte, Ind.
Kuiper, Robert, <i>a w sp</i>	A.	Junior c. (<i>u. of Chicago</i>)	Chicago
Lackland, William Tryner, <i>s.</i>	A.	Junior c. (<i>u. of Chicago</i>)	Chicago
Lackner, Julius Ernest, <i>a w sp</i>	S.	Junior c. (<i>u. of Chicago</i>)	Chicago
Lane, Michael A., <i>a w sp</i>	S.	<i>u. of Illinois</i>	Chicago
Larrabee, Louise Goldsmith, <i>a</i>	L.	Junior c. (<i>u. of Chicago</i>)	Chicago

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NAME	COLLEGE	PREVIOUS INSTITUTION	HOME ADDRESS
Larson, Elfrida Marie Catherine, <i>sp</i>	<i>S.</i>	Junior c. (u. of Chicago)	Chicago
Larson, James Henry, <i>w sp</i>	<i>L.</i>	Divinity s. (u. of Chicago)	Holyoke, Mass.
Latchem, Charles Earl, <i>w sp</i>	<i>A.</i>	Junior c. (u. of Chicago)	Washington, Ia.
Launer, June Glathart, <i>w sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Olney
Lawton, Edith Charlotte, <i>a w sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Chicago
Leadbetter, Cora, <i>s</i>	<i>A.</i>	u. of Colorado	Eaton, Colo.
League, Paul Mark, <i>sp</i>	<i>S.</i>	Junior c. (u. of Chicago)	Chicago
Lee, Mary Margaret, <i>s a w sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Baltimore, Md.
Leech, Archie Wallace, <i>s</i>	<i>A.</i>	Geneva c.	Beaver Falls, Pa.
Leland, Robert Carlos, <i>a w sp</i>	<i>S.</i>	Junior c. (u. of Chicago)	Chicago
Lemon, Harvey Brace, <i>a w sp</i>	<i>A.</i>	Lewis inst.	Chicago
†Lesemann, Frederick Joseph, <i>a w sp</i>	<i>S.</i>	Junior c. (u. of Chicago)	Nashville
Levenson, Louis Freiberg, <i>a w sp</i>	<i>S.</i>	u. of Rochester	Dayton, O.
†Leviton, Max Benjamin, <i>a w sp</i>	<i>S.</i>	Junior c. (u. of Chicago)	Chicago
†Lewis, Arthur John, <i>a w sp</i>	<i>S.</i>	u. of Wisconsin	Stevens Point, Wis.
Linsley, Robert Martin, <i>a w sp</i>	<i>C.</i>	Junior c. (u. of Chicago)	Hinsdale, Ill.
Lippincott, Eugene Tullius, <i>w sp</i>	<i>L.</i>	Law s. (u. of Chicago)	Lima, O.
Little, Clara Louise, <i>s</i>	<i>A.</i>	Unclassified (u. of Chicago)	Denver, Colo.
Liver, John Irving, <i>a w sp</i>	<i>L.</i>	u. of Wisconsin	Hartford, Wis.
Lockhart, Eloise, <i>sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Chicago
Lofberg, John Oscar, <i>s</i>	<i>A.</i>	Stetson u.	DeLand, Fla.
Long, Perry J., <i>a w sp</i>	<i>L.</i>	Ohio Northern u.	New Harrisburg, O.
†Loomis, Western Cass, <i>a w</i>	<i>S.</i>	Friends u. Wichita, Kan.	Eldorado, Kan.
Loose, Lyman Trowbridge, <i>sp</i>	<i>C.</i>	Junior c. (u. of Chicago)	Napoleon, O.
Lough, Susan Madeline, <i>sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Chicago
Loveland, Helen Stoddard, <i>s sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Kingston, Pa.
Lovewell, Frank Sherman, <i>a w sp</i>	<i>A.</i>	Junior c. (u. of Chicago)	Chicago
Lowery, Mary Luella, <i>sp</i>	<i>A.</i>	Graduate s. (u. of Chicago)	Corning, Ia.
†Luckhardt, Arno Benedict, <i>s a w sp</i>	<i>S.</i>	Junior c. (u. of Chicago)	Chicago
Lull, Sara Louise, <i>s w</i>	<i>C.</i>	Junior c. (u. of Chicago)	Evanston
Lumbard, Marcus William, <i>a w sp</i>	<i>C.</i>	Junior c. (u. of Chicago)	Des Moines, Ia.
Lyon, Sanford Avery, <i>s a w sp</i>	<i>C.</i>	Junior c. (u. of Chicago)	Huron, S. D.
Mabrey, Frederick Dill, <i>s a w sp</i>	<i>S.</i>	Junior c. (u. of Chicago)	Norwich, Conn.
Macklin, Mary Edith, <i>a w sp</i>	<i>S.</i>	Wheaton c.	Waterman
Mamer, Olio, <i>a w</i>	<i>L.</i>	Lewis inst.	Chicago
Markey, Margaret Mary, <i>w sp</i>	<i>L.</i>	Lewis inst.	Chicago
Markham, Harold Boyce, <i>a w</i>	<i>S.</i>	St. Louis u.	Marquette, Mich.
Markham, Herbert Ira, <i>sp</i>	<i>C.</i>	Junior c. (u. of Chicago)	Dayton, O.
Markley, Edith Warfel, <i>w sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Danville
†Marvel, John Everett, <i>a w sp</i>	<i>S.</i>	u. of Illinois	Waynesville
Matheny, Elizabeth Izora, <i>w sp</i>	<i>A.</i>	Illinois Wesleyan u.	Chicago
Mathews, Robert Eddy, <i>sp</i>	<i>C.</i>	Junior c. (u. of Chicago)	Marquette, Mich.
Matthews, William Gorham, <i>a sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Pine City, Minn.
Mayall, Vada, <i>a</i>	<i>A.</i>	Graduate s. (u. of Chicago)	Decatur
Mayer, Grace Edith, <i>w</i>	<i>L.</i>	Junior c. (u. of Chicago)	Chicago
Mayer, Simon, <i>s</i>	<i>A.</i>	Bradley Poly. Inst.	Peoria
Meier, Delbert William, <i>s</i>	<i>L.</i>	Upper Iowa u.	Chicago
Mendel, Herman, Jr., <i>a w sp</i>	<i>C.</i>	Junior c. (u. of Chicago)	Chicago
†Menzie, Charles Stuart, <i>a w sp</i>	<i>S.</i>	u. of Wisconsin	Janesville, Wis.

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NAME	COLLEGE	PREVIOUS INSTITUTION	HOME ADDRESS
Mercy, Esther, s	L.	Normal c. <i>New York City</i> ,	Columbia, Tenn.
Metsker, Ella Ruhannah, s a w sp	A.	Junior c. (u. of Chicago)	Churubusco, Ind.
Meyer, Adeline, w sp	L.	Junior c. (u. of Chicago)	Kahoka, Mo.
Meyer, Michael Israel, sp	S.	Junior c. (u. of Chicago)	Chicago
Meyers, Ira Benton, s w sp	S.	Unclassified (u. of Chicago)	Chicago
Middleton, Thomas Canady, a	A.	Tarkio c.	Unionville, Mo.
Mierswa, Meta, s a w sp	L.	Junior c. (u. of Chicago)	Oshkosh, Wis.
Miller, Clara, w sp	L.	Unclassified (u. of Chicago)	Greentop, Mo.
Miller, Helen Dorothea, w sp	L.	Junior c. (u. of Chicago)	Chicago
Mills, Grace, sp	S.	Junior c. (u. of Chicago)	Mena, Ark.
Milne, Marion Wallace, w sp	L.	Junior c. (u. of Chicago)	Wheaton
Miner, Elizabeth, sp	S.	Junior c. (u. of Chicago)	Cedar Rapids, Ia.
Mitchnick, Meyer, a w sp	A.	Adelbert c.	Philadelphia, Pa.
Montgomery, Frances, a w sp	L.	Junior c. (u. of Chicago)	Chicago
Moore, Coila, w	L.	Unclassified (u. of Chicago)	LeMars, Ia.
*Moore, Irene Josephine, a w sp	L.	Junior c. (u. of Chicago)	Chicago
Moran, Anna Florence, w sp	L.	Junior c. (u. of Chicago)	Chicago
Morehouse, Lenerl Pansie, a w sp	L.	Junior c. (u. of Chicago)	Council Bluffs, Ia.
Morgan, Harvey Dale, a w sp	A.	Bradley Poly. Inst.	Peoria
Morr, Arthur Allen, a w	S.	Unclassified (u. of Chicago)	Ashland, O.
Morris, Lila Kemble, sp	L.	Unclassified (u. of Chicago)	Chicago
Mosher, Daisy Mae, a w sp	A.	Junior c. (u. of Chicago)	Chicago
Moulds, John Fryer, sp	L.	Junior c. (u. of Chicago)	Pontiac, Mich.
Moulton, Elton James, a w	L.	Albion c.	Leroy, Mich.
Moulton, Harold Glenn, a w sp	L.	Albion c.	Leroy, Mich.
Mowbray, Ralph Howard, s	L.	Junior c. (u. of Chicago)	Peru, Ind.
Munger, Elizabeth, a w sp	L.	Junior c. (u. of Chicago)	Cedar Rapids, Ia.
Murrell, Gertrude Farr, sp	L.	Junior c. (u. of Chicago)	Chicago
MacBride, Caroline Lecnora, a w sp ²	L.	Junior c. (u. of Chicago)	Lyons
MacBride, Owen Earl, s a w sp	S.	Junior c. (u. of Chicago)	Chicago
MacQuilkin, Nona, s	L.	Junior c. (u. of Chicago)	Valparaiso, Ind.
McAvoy, Walter, a w sp	L.	Junior c. (u. of Chicago)	Chicago
McBride, Clarence Augustus, a w sp	L.	Junior c. (u. of Chicago)	Chicago
McBurney, Thomas Noble, s	A.	Junior c. (u. of Chicago)	Chicago
McCarthy, Ida Marie, a w	L.	Junior c. (u. of Chicago)	Chicago
McClure, Elizabeth, sp	L.	Junior c. (u. of Chicago)	Chicago
McComb, Mildred Rae, a w	L.	Junior c. (u. of Chicago)	Brillion, Wis.
McConnell, Grace, a w sp	L.	Junior c. (u. of Chicago)	Logansport, Ind.
McDaniel, Marion Ross, s	L.	Rio Grande c.	Rio Grande, O.
MacDonald, Torrance Hugh, a	S.	Kalamazoo c.	Mt. Clemens, Mich.
McElroy, Mary, a w sp	L.	Junior c. (u. of Chicago)	Chicago
McFarlane, Charlotte Mary, s	L.	u. of Minnesota	S. Minneapolis, Minn.
McGuane, Francis, s	S.	Junior c. (u. of Chicago)	Pullman
McGuire, Carlotta Sennott, w sp	L.	Junior c. (u. of Chicago)	Chicago
McIntyre, Isabella, a w sp	L.	Junior c. (u. of Chicago)	Chicago
McKay, Robert Edwin, s	A.	u. of Virginia	Port Gibson, Miss.
McKellar, Harry Rex, s	A.	Graduate s (u. of Chicago)	Americus, Ga.
McKenna, Charles Morgan, s	S.	Plattsville State Nor. s.	Chicago
McKenzie, Minnie E., s	L.	Unclassified (u. of Chicago)	Cincinnati, O.

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NAME	COLLEGE	PREVIOUS INSTITUTION	HOME ADDRESS
McKinney, Jessie Blanche, <i>sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
McKnown, James Edgar, <i>s</i>	<i>L.</i>	<i>Southern Ill. Nor. s.</i>	Seattle, Wash.
†McLaughlin, Dix Blaine, <i>a w sp</i>	<i>S.</i>	Unclassified (<i>u. of Chicago</i>)	Winona, Minn.
McNally, Joseph Vincent, <i>a w</i>	<i>A.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
McPartlin, Wilfred Katharine, <i>sp</i>	<i>A.</i>	Junior c. (<i>u. of Chicago</i>)	Joliet
Nelson, Jean Sterling, <i>a w sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Nelson, Mathilda, <i>a w sp</i>	<i>A.</i>	<i>Lewis Inst.</i>	Chicago
Neuhaus, Barinka Clara, <i>a</i>	<i>L.</i>	<i>Milwaukee State Nor. s.</i>	Burlington, Wis.
Newberger, Charles, <i>w sp</i>	<i>S.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Newman, Annie S., <i>a w</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Newman, Ward, <i>a w sp</i>	<i>C.</i>	<i>Illinois c.</i>	Jacksonville
Newton, Louada, <i>sp</i>	<i>L.</i>	<i>Denver, Colo. hs.</i>	St. Louis, Mo.
Nichols, Katherine Alice, <i>w</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
†Nicholais, Joseph, <i>a w</i>	<i>S.</i>	<i>Avellino Royal c.</i>	Wilkes-Barre, Pa.
†Nicoll, Homer King, <i>a w sp</i>	<i>S.</i>	<i>Tarkio c.</i>	Tarkio, Mo.
Nixon, Charles Elmer, <i>a w sp</i>	<i>S.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Noa, Claribel, <i>s w sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Noblett, Grace Louise, <i>a w sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Springfield
Norris, Catherine Anna, <i>s</i>	<i>S.</i>	Junior c. (<i>u. of Chicago</i>)	Rock Valley, Ia.
Norris, Helen, <i>a w sp</i>	<i>A.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Norton, Strong Vincent, <i>a</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Nowell, Theodate, <i>a w sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Rochester, Minn.
Nowels, Auburn Ray, <i>a w sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Lamar, Colo.
Nunn, George Emra, <i>a w sp</i>	<i>S.</i>	Junior c. (<i>u. of Chicago</i>)	Davenport, Ia.
Oakey, Isabelle Ogden, <i>s a w sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Terre Haute, Ind.
Oberchain, Jeannette, <i>s a w</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Miami, Fla.
O'Donnell, Paul Maurice, <i>a w</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Olson, Lydia Marie, <i>a w sp</i>	<i>L.</i>	<i>Northern State Nor. s.</i>	Marquette, Mich.
Ortmayer, Marie Georgia, <i>a w sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Osborn, Agnes Esther, <i>s</i>	<i>L.</i>	<i>Dayton Normal s.</i>	Dayton, O.
Osborne, Clyde Earnest, <i>s</i>	<i>S.</i>	Graduate s. (<i>u. of Chicago</i>)	Oak Park
Oxnam, Nellie Ethel, <i>a w</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
†Paine, John Colwell, <i>a w sp</i>	<i>S.</i>	<i>Amherst c.</i>	Chicago
Paisley, Lillie Ruth, <i>s a w sp</i>	<i>A.</i>	Junior c. (<i>u. of Chicago</i>)	Towanda
Palmer, Beesie Hudson, <i>s a w sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Palmer, Cecil Morse, <i>s</i>	<i>A.</i>	Junior c. (<i>u. of Chicago</i>)	Fort Dodge, Ia.
Palmer, Mary Craig, <i>a w sp</i>	<i>A.</i>	Junior c. (<i>u. of Chicago</i>)	Pentwater, Mich.
Palmer, Ray Albert, <i>s</i>	<i>S.</i>	<i>Kalamazoo c.</i>	Kalamazoo, Mich.
Paltzer, Charles Walter, <i>s</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Parker, Eleanor Ophelia, <i>s a</i>	<i>A.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Parker, Francis Warner, Jr., <i>sp</i>	<i>S.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Parkinson, Stirling Bruce, <i>w sp</i>	<i>C.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
†Parks, William Alvah, <i>a w sp</i>	<i>S.</i>	<i>Oberlin c.</i>	Minonk
Parsons, Arthur John, <i>s</i>	<i>L.</i>	<i>Ohio Wesleyan u.</i>	Delaware, O.
Patten, Mary, <i>w</i>	<i>A.</i>	<i>Wellesley c.</i>	Palatine
†Patterson, James, <i>s a</i>	<i>S.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Patterson, Theresa, <i>s</i>	<i>S.</i>	<i>Missouri State Nor. s.</i>	Butler, Mo.
Patton, Beatrice Chandler, <i>a w sp</i>	<i>L.</i>	<i>State Nor. s. Los Angeles, Cal.</i>	Los Angeles, Cal.
Paulsen, Waldemar Edward, <i>w sp</i>	<i>L.</i>	Junior c. (<i>u. of Chicago</i>)	Chicago

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NAME	COLLEGE	PREVIOUS INSTITUTION	HOME ADDRESS
Payne, Mabel Wilson, <i>a w</i>	<i>S.</i>	Junior c. (u. of Chicago)	Rock Island
Pech, Clara, <i>a w sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Chicago
Peckham, George William, Jr., <i>s</i>	<i>S.</i>	u. of Wisconsin	Milwaukee, Wis.
Pedott, Joseph, <i>s a w</i>	<i>L.</i>	Junior c. (u. of Chicago)	Chicago
Peglow, Mabel May, <i>a w sp</i>	<i>A.</i>	Junior c. (u. of Chicago)	La Porte, Ind.
Perrin, George Gulliver, <i>s a w</i>	<i>L.</i>	Law s. (u. of Chicago)	LaHarpe
Peterson, Joseph, <i>s</i>	<i>S.</i>	Unclassified (u. of Chicago)	Oakley, Idaho.
Pettibone, Chauncey J. Vallette, <i>a w sp</i>	<i>S.</i>	Junior c. (u. of Chicago)	Evanston
Pettit, Bertholf Marsh, <i>a w sp</i>	<i>C.</i>	Junior c. (u. of Chicago)	Kenosha, Wis.
Phelps, Theoron Torrance, <i>a w sp</i>	<i>A.</i>	Unclassified (u. of Chicago)	West Bay City, Mich.
Phillips, Jo. Alva, <i>s</i>	<i>S.</i>	Kalamazoo c.	Armada, Mich.
Pierce, Bertha Elizabeth, <i>s a</i>	<i>C.</i>	Junior c. (u. of Chicago)	Chicago
Pierrot, Adolph George, <i>sp</i>	<i>C.</i>	Junior c. (u. of Chicago)	Chicago
Pilcher, Benjamin Luther, <i>s</i>	<i>A.</i>	Ohio State u.	Streator
Pine, Linnie May, <i>s a</i>	<i>L.</i>	Junior c. (u. of Chicago)	Galesburg
Plimpton, Florence, <i>a w sp</i>	<i>L.</i>	Mich. Sem. Kalamazoo	Benton Harbor, Mich.
Pomeroy, Alice Gertrude, <i>a</i>	<i>S.</i>	Kalamazoo c.	Kalamazoo, Mich.
Pool, Clarence Gilbert, <i>w sp</i>	<i>S.</i>	Junior c. (u. of Chicago)	Amboy
Poppen, Albertus, <i>w sp</i>	<i>S.</i>	Medical s. (u. of Chicago)	Ireton, Ia.
Porter, A. Maude, <i>s a w sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Chicago
Porter, Lucy Grace, <i>a w sp</i>	<i>L.</i>	Junior c. (u. of Chicago.)	Fort Scott, Kan.
Porter, Mabel Winerals, <i>a w sp</i>	<i>A.</i>	u. college (u. of Chicago)	Chicago
Powers, Irene Theresa, <i>a w sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Chicago
Price, Charles Royal, <i>a w</i>	<i>S.</i>	Columbia u.	Morgan Park
Proctor, Ora Frances, <i>a w sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Chicago
Purdy, Vail Eugene, <i>s a w sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Omaha, Neb.
Radzinski, Grace Anna, <i>a w sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Chicago
Rahn, Carl Leo, <i>s w sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Chicago
Rathke, Walter Robert, <i>w sp</i>	<i>A.</i>	Junior c. (u. of Chicago)	Chicago
Ray, Rufus Rutledge, <i>s</i>	<i>S.</i>	Divinity s. u. of Chicago)	Grange, N. C.
Reavis, William Claude, <i>s</i>	<i>A.</i>	Oakland City c. Ind.	Francisco, Ind.
Reddy, Ruth Marie, <i>a w sp</i>	<i>C.</i>	Junior c. (u. of Chicago)	Chicago
Reed, Horace Garner, <i>a w sp</i>	<i>L.</i>	u. of Minnesota	Minneapolis, Minn.
Rees, John Harrison, <i>sp</i>	<i>A.</i>	Vanderbilt u.	Fayetteville, Tenn.
Reichman, Joseph Lorenz, <i>w sp</i>	<i>C.</i>	Junior c. (u. of Chicago)	Chicago
Reinach, Elsie, <i>sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Chicago
Rice, Caroline Montgomery, <i>a w sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Peoria
Rice, Irma Estella, <i>a w sp</i>	<i>S.</i>	Junior c. (u. of Chicago)	Chicago
Rich, Lora Antionette, <i>a w sp</i>	<i>A.</i>	Junior c. (u. of Chicago)	Norwood Park
Richardson, Harriett Lillian, <i>w sp</i>	<i>S.</i>	Junior c. (u. of Chicago)	Chicago
Richter, Arthur William, <i>s a w</i>	<i>A.</i>	u. of Berlin	Blue Island
Riggs, Blanche Edna, <i>a w sp</i>	<i>L.</i>	Ia. State Normal s.	Castalia, Ia.
Rixson, Constantine Ludwig, <i>s</i>	<i>A.</i>	Junior c. (u. of Chicago)	Chicago
Roberts, Helen E. M., <i>w sp</i>	<i>A.</i>	Junior c. (u. of Chicago)	Chicago
Robinson, Mary Ella, <i>s</i>	<i>A.</i>	Junior c. (u. of Chicago)	St. Joseph, Mo.
Rochlitz, Lucille, <i>w sp</i>	<i>A.</i>	Junior c. (u. of Chicago)	Chicago
Rochwell, Iva Frances, <i>a w</i>	<i>A.</i>	Bradley Poly. Inst.	Peoria
†Rogers, Harrison Rose, <i>a w sp</i>	<i>S.</i>	Junior c. (u. of Chicago)	Newell, Ia.
Rogers, Nathaniel Curtis, <i>s</i>	<i>S.</i>	Junior c. (u. of Chicago)	Newell, Ia.

THE SENIOR COLLEGES

NAME	COLLEGE	PREVIOUS INSTITUTION	HOME ADDRESS
Roney, Helen Newman, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Burlington, Ia.
†Rose, Max Donald, <i>a w sp</i>	S.	Junior c. (u. of Chicago)	Decatur, Mich.
Roseen, Edward Daniel, <i>s</i>	C.	Junior c. (u. of Chicago)	Chicago
Rosenbaum, David, <i>s a</i>	L.	Junior c. (u. of Chicago)	Chicago
Rowley, Randall Adams, <i>sp</i>	S.	Junior c. (u. of Chicago)	Chicago
Ruffcorn, William Miller, <i>sp</i>	C.	Junior c. (u. of Chicago)	Chicago
Rusch, Oscar Frederick, <i>a w</i>	L.	Junior c. (u. of Chicago)	Chicago
†Ryan, Lee Mathew, <i>a</i>	S.	Junior c. (u. of Chicago)	Banning, Cal.
Sabin, Mary Esther, <i>s sp</i>	L.	Ill. State Normal s.	Evanston
Sanborn, Mark Frank, <i>sp</i>	A.	Kalamazoo c.	Dowagiac, Mich.
Sanders, Mary Shipp, <i>a w sp</i>	A.	Southwestern u.	Georgetown, Tex.
Sandidge, Daisy, <i>s</i>	L.	Unclassified (u. of Chicago)	Fort Worth, Tex.
Sartain, Charles Augustus, <i>a w sp</i>	S.	Junior c. (u. of Chicago)	Terre Haute, Ind.
Sasa, George, <i>a w</i>	C.	Junior c. (u. of Chicago)	Chicago
Satterthwait, Ella, <i>sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Scanlan, Marguerite, <i>sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Schaefer, Lena Augusta, <i>a w sp</i>	A.	Unclassified (u. of Chicago)	Gratiot, O.
Schaeffer, George Raymond, <i>a w</i>	C.	Junior c. (u. of Chicago)	Monticello, Ia.
Schenkenberg, Muriel, <i>a w sp</i>	A.	Junior c. (u. of Chicago)	Chicago
†Scherer, Lewis Daniel, <i>s</i>	S.	Junior c. (u. of Chicago)	Chicago
Schmid, Frieda Louise, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Schmidt, Edna Verena, <i>a w sp</i>	S.	Junior c. (u. of Chicago)	Chicago
Schoch, Caroline Pauline, <i>a w sp</i>	L.	Ia. State Normal s.	Chicago
†Schott, Charles, <i>w sp</i>	S.	Junior c. (u. of Chicago)	Chicago
Schrader, Ida Clara, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
†Schuler, Russell Phillip, <i>a w sp</i>	S.	Franklin c.	Roann, Ind.
Schutz, Reuben, <i>s</i>	C.	Junior c. (u. of Chicago)	Chicago
Scott, Augusta Ruby, <i>s</i>	L.	Ill. State u.	Bethany
Scott, Florence, <i>a w</i>	L.	Junior c. (u. of Chicago)	Chicago
†Scott, Orlando Frank, <i>a w sp</i>	S.	Junior c. (u. of Chicago)	Newton
Scullin, Bertha May, <i>s a w sp</i>	A.	Bradley Poly. inst.	Peoria
Sears, Louis Martin, <i>s</i>	A.	Junior c. (u. of Chicago)	Chicago
See, Helene Marlette, <i>s a w sp</i>	S.	Junior c. (u. of Chicago)	Chicago
Segner, Marion Wallace, <i>sp</i>	L.	Unclassified (u. of Chicago)	Waco, Tex.
Shaffner, Philip Frank, <i>w sp</i>	S.	Junior c. (u. of Chicago)	Chicago
Shaw, Clara, <i>sp</i>	L.	Unclassified (u. of Chicago)	Chicago
Shearer, Dada Bee, <i>a w sp</i>	A.	Junior c. (u. of Chicago)	Washington, D. C.
Sheetz, Florence D., <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Sherer, Albert William, <i>w</i>	A.	Junior c. (u. of Chicago)	Chicago
*Simmons, Katharine Sturges, <i>a w sp</i>	L.	Milwaukee Downer c.	Racine, Wis.
Sisson, Frederick Myron, <i>a w</i>	L.	u. of Michigan	Austin
Skiles, William Vernon, <i>s a w sp</i>	S.	Junior c. (u. of Chicago)	Mendota
Skinner, Beverly Aden, <i>s</i>	L.	u. of Wooster	Streator
Simons, May Wood, <i>a</i>	L.	Northwestern u.	Melrose Park
Slocum, Maizie May, <i>a</i>	A.	Kalamazoo c.	Kalamazoo, Mich.
Smith, Alice Harriet, <i>s</i>	L.	Unclassified (u. of Chicago)	Nora Springs, Ia.
Smith, Edward Eggleston, <i>w</i>	S.	Junior c. (u. of Chicago)	Sioux City, Ia.
Smith, Helen Geneva, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Smith, Mary Edith, <i>sp</i>	L.	Junior c. (u. of Chicago)	Benton Harbor, Mich.

THE SENIOR COLLEGES

NAME	COLLEGE	PREVIOUS INSTITUTION	HOME ADDRESS
Smith, Susan Ella, s	L.	Unclassified (u. of Chicago)	Nora Springs, Ia.
Snitjer, Agnes Rodatz, a w	L.	Junior c. (u. of Chicago)	Chicago
Snow, Jenny Helen, a w	S.	c. of Education (u. of Chicago)	Oak Park
Snyder, Rosa Bel, s a w	S.	Junior c. (u. of Chicago)	Columbia, Ga.
Solomon, Irving J., a w sp	C.	Junior c. (u. of Chicago)	Chicago
Solomon Jessie Irene, w sp	L.	Junior c. (u. of Chicago)	Chicago
Sommer, Julia Kate, a w	S.	Junior c. (u. of Chicago)	Chicago
South, Horace Walter, s	L.	Unclassified (u. of Chicago)	Bryan, Tex.
Southworth, Eva, w sp	L.	Oberlin c.	Adams, Mass.
Spence, Margaret, a w sp	S.	Junior c. (u. of Chicago)	Chicago
Spencer, Harry Stillman Wilcox, a w sp	S.	Junior c. (u. of Chicago)	Kankakee
Spoehr, Herman August, a w sp	S.	Junior c. (u. of Chicago)	Chicago
Staib, Otto William, s a w sp	L.	Junior c. (u. of Chicago)	Bartlett
Staley, George Cooper, s	A.	Stetson u.	Dade City, Fla.
Stanley, Louise, a w sp	S.	Peabody c.	Nashville, Tenn.
Starr, Anna Morse, s	A.	Bryn Mawr c.	Oberlin, O.
Steagall, Mary Minerva, s	L.	s. of Education (u. of Chicago)	Ypsilanti, Mich.
Stearns, Clara M., a w	L.	Unclassified (u. of Chicago)	Cleveland, O.
Steinbeck, Clark Candee, a w sp	L.	Junior c. (u. of Chicago)	Chicago
Stephenson, George Malcom, a w sp	S.	Augustana c.	Chicago
Stern, Gertrude, s a w sp	L.	Junior c. (u. of Chicago)	Chicago
Stinson, Charlotte Louise, w sp	L.	Wellesley c.	Chicago
Stone, Elizabeth Anna, sp	L.	Junior c. (u. of Chicago)	Joliet
Stout, Edwin Gillespie, a w sp	A.	Unclassified (u. of Chicago)	Versailles, Ky.
Stoutemyer, John Howard, sp	A.	Divinity s. (u. of Chicago)	Onarga
†Strauss, Alfred Adolph, a w sp	S.	u. of Washington	Seattle, Wash.
†Strawn, John Thomas, a w sp	S.	Cornell c.	Palo, Ia.
Sulcer, Henry Durham, s	C.	Junior c. (u. of Chicago)	Chicago
Sullivan, James Patrick, w sp	C.	Junior c. (u. of Chicago)	Chicago
Summerhays, Bessie, a w sp	L.	Junior c. (u. of Chicago)	Chicago
Sumner, Henry William, a w	L.	Junior c. (u. of Chicago)	Chicago
Sung, Far Tsan, sp	S.	Graduate s. (u. of Chicago)	China
Swallow, Anna Ruth, sp	L.	Junior c. (u. of Chicago)	Chicago
Swift, Charles Henry, sp	S.	Graduate s. (u. of Chicago)	Chicago
Swift, Harold Higgins, w sp	C.	Junior c. (u. of Chicago)	Chicago
Tanner, Alvin Charles, s a w sp	S.	u. of Michigan	Birch Run, Mich.
Taylor, Rose Margarette, s	S.	Unclassified (u. of Chicago)	Negaunee, Mich.
Taylor, Thomas Barnett, a w sp	L.	Junior c. (u. of Chicago)	Fort Scott, Kan.
Teague, Lillian Ethel, a w sp	A.	Junior c. (u. of Chicago)	Deport, Tex.
Terrell, Alexander Bismark, a w sp	S.	Junior c. (u. of Chicago)	Fort Worth, Tex.
†Terrell, Ted Allen, a w sp	S.	u. of Missouri	Okmulgee, I. T.
Terry, Edith Emily, w sp	A.	Junior c. (u. of Chicago)	Chicago
Terry, Ethel Mary, a w sp	A.	Junior c. (u. of Chicago)	Chicago
Thompson, Blanche Ethel, a w sp	S.	Yale u.	New Haven, Conn.
Thorsen, William Clarence, a w sp	S.	Junior c. (u. of Chicago)	Chicago
Timberlake, Elsie, s	S.	Unclassified (u. of Chicago)	Clinton, Miss.
Timm, Florence Adaline, w sp	L.	Junior c. (u. of Chicago)	Chicago
Todd, Helen Gertrude, a w sp	L.	Junior c. (u. of Chicago)	Chicago
Toner, Loretta, s a	C.	Junior c. (u. of Chicago)	Kenosha, Wis.

THE SENIOR COLLEGES

NAME	COLLEGE	PREVIOUS INSTITUTION	HOME ADDRESS
Tower, Rosamond, <i>a w sp</i>	A.	Junior c. (u. of Chicago)	Chicago
Towles, Caroline Montgomery, <i>a w</i>	L.	LaGrange c.	Chicago
Trowbridge, Arthur Carlton, <i>s a w sp</i>	S.	Junior c. (u. of Chicago)	Chicago
Epjohn, William Kirby, <i>s</i>	S.	Kalamazoo c.	Kalamazoo, Mich.
†Vanatta, Frank Cline, <i>w sp</i>	S.	Drake u.	Randolph, Ia.
Vance, Harriet, <i>sp</i>	S.	Junior c. (u. of Chicago)	Shelbyville, Ky.
VanDenbergh, Edith J., <i>s</i>	C.	c. of Education (u. of Chicago)	Howard City, Mich.
VanHook, Mary Lee, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Vanatta, Hattie Calista, <i>a w sp</i>	L.	Lewis inst.	Chicago
VanPatten, LeRoy Andrew, <i>s a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
VanWormer, Henrietta Lynn, <i>s a w sp</i>	L.	Junior c. (u. of Chicago)	Aurora
VanZandt, Philip George, <i>a w sp</i>	A.	Pomona c.	Chicago
Viall, Grace Medora, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Vincent, Grace Margaret, <i>a w sp</i>	A.	c. of Emporia, Kan.	Siloam Springs, Ark.
Visher, Dorothy, <i>s sp</i>	S.	Junior c. (u. of Chicago)	Forestburg, S. D.
Vogt, Evon Zartman, <i>a</i>	C.	Junior c. (u. of Chicago)	Dayton, O.
Wakefield, Guy Freeman, <i>a w sp</i>	S.	Medical s. (u. of Chicago)	West Salem, Wis.
Wakeman, Caroline, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Wakeley, Nellie Marguerite, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Walker, Paul Atlee, <i>s</i>	C.	Junior c. (u. of Chicago)	Eighty-four, Pa.
Wangeman, Ella Louise, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Watkins, Blanche Nell, <i>sp</i>	S.	Junior c. (u. of Chicago)	Chicago
Watkins, Edna Lilian, <i>w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Watkins, Laura Dell, <i>a w sp</i>	S.	Junior c. (u. of Chicago)	Chicago
Webb, Charles Julian, <i>sp</i>	C.	Junior c. (u. of Chicago)	Arcadia, Wis.
Webb, Daniel C., <i>sp</i>	A.	Junior c. (u. of Chicago)	Bell Buckle, Tenn.
Webber, Bertram Smith, <i>s a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Webster, Edgar Huidekoper, <i>s</i>	S.	Graduate s. (u. of Chicago)	Atlanta, Ga.
Welch, Sue Emmeline, <i>a w sp</i>	A.	Lewis inst.	Chicago
Weldon, Edna, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Wells, Florence, <i>s a w sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Werner, Hedwig Marie, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Watertown, Wis.
Weston, Jessie B., <i>sp</i>	L.	Junior c. (u. of Chicago)	Chicago
Weum, Thurston William, <i>sp</i>	S.	u. of Minnesota	Minneapolis, Minn.
Wheeler, Clara Kingswell, <i>a</i>	L.	Junior c. (u. of Chicago)	Minneapolis, Minn.
†Wheeler, Herbert Edward, <i>a w sp</i>	S.	Junior c. (u. of Chicago)	Grant Park
Wheelock, Mildred Marie, <i>a w sp</i>	L.	Unclassified (u. of Chicago)	Bedford, O.
Whidden, John Blain, <i>a w sp</i>	C.	u. of Washington	Chicago
†Whipple, Eleanor Elizabeth, <i>s a w sp</i>	S.	Junior c. (u. of Chicago)	Chicago
White, Anna Laura, <i>a w</i>	L.	Junior c. (u. of Chicago)	Blue Island
Whiteford, Agnes, <i>a w sp</i>	A.	Junior c. (u. of Chicago)	Riverside
Whiteford, Eleanor Bland, <i>a w sp</i>	L.	Junior c. (u. of Chicago)	Riverside
Whitney, Frederick Lamson, <i>w sp</i>	L.	Junior c. (u. of Chicago)	Osage, Ia.
Wigger, William Frederick, <i>s</i>	S.	Junior c. (u. of Chicago)	Chicago
Wilcox, Wayland Delano, <i>s a w sp</i>	L.	Lewis inst.	Chicago
Wilder, Russell Morse, <i>s a w sp</i>	S.	Junior c. (u. of Chicago)	Chicago
Wiley, Fordyce Barker, <i>s</i>	S.	Kalamazoo c.	Kalamazoo, Mich.
Willett, Howard Levanselleer, <i>a w sp</i>	C.	Junior c. (u. of Chicago)	Chicago
Williams, Robert Ramapatam, <i>a w sp</i>	S.	Ottawa u.	Ottawa, Kan.

THE SENIOR COLLEGES

NAME	COLLEGE	PREVIOUS INSTITUTION	HOME ADDRESS
Williamson, Grace, <i>a w sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Chicago
Wilson, Arnold Jordan, <i>a w sp</i>	<i>L.</i>	Oberlin c.	LaSalle
Wilson, Edna May, <i>s</i>	<i>L.</i>	Indiana u.	Lebanon, Ind.
Wilson, Mabel Ernestine, <i>s a w sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Chicago
Witherspoon, Letitia Hardin, <i>s</i>	<i>A.</i>	Randolph Macon Woman's c.	Meridian, Miss.
Wood, Mary Morton, <i>s</i>	<i>A.</i>	Unclassified (u. of Chicago)	Eastport, Me.
Woodard, Dudley Weldon, <i>s</i>	<i>S.</i>	Wilberforce u.	Galveston, Tex.
Woodbury, Mary Emma, <i>sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Louisville, Ky.
Woodward, John Charles, <i>w</i>	<i>A.</i>	Graduate s. (u. of Chicago)	College Park, Ga.
Woodworth, Vernon Arthur, <i>a w sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Chicago
Woodyatt, Rollin Turner, <i>a w sp</i>	<i>A.</i>	Cornell u.	Evanston
Wrather, William Emboy, <i>sp</i>	<i>C.</i>	Junior c. (u. of Chicago)	Irvington, Ky.
Wright, Horace Carpenter, <i>s</i>	<i>C.</i>	Benssalaer Poly. inst.	LaGrange
Wright, John Stephen, <i>a w</i>	<i>L.</i>	Junior c. (u. of Chicago)	Canton
Wright, Lagene Lavasa, <i>a w sp</i>	<i>A.</i>	Junior c. (u. of Chicago)	Chicago
Yaple, George L., Jr., <i>sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Mendon, Mich.
Yoder, Orie Chris, <i>sp</i>	<i>S.</i>	Graduate s. (u. of Chicago)	Weilersville, O.
Yondorf, Edna, <i>sp</i>	<i>L.</i>	Junior c. (u. of Chicago)	Chicago
Young, Elizabeth Adama, <i>s</i>	<i>S.</i>	Cook County Nor. s.	Chicago
Young, Evelyn Elizabeth, <i>s</i>	<i>L.</i>	Junior c. (u. of Chicago)	Chicago
Young, Margaret Hoyt, <i>a w sp</i>	<i>A.</i>	Junior c. (u. of Chicago)	Chicago
Younga, Georgiana, <i>a w sp</i>	<i>A.</i>	Rockford c.	Rockford
Zeisler, Erwin Paul, <i>sp</i>	<i>A.</i>	Junior c. (u. of Chicago)	Chicago
Zeisler, Leonard Bloomfield, <i>sp</i>	<i>A.</i>	Junior c. (u. of Chicago)	Chicago
MEN — 340		WOMEN — 361	TOTAL — 701

THE SENIOR COLLEGES

SUMMARY

	Men	Women	Total
Senior Colleges.....	330	336	666
College of Education.....	4	15	19
University College.....	6	10	16
Total for Senior Colleges.....	340	361	701

THE JUNIOR COLLEGES

*Taking work during the Winter Quarter in John B. Stetson University, DeLand, Fla.

NAME	COLLEGE	PREVIOUS INSTITUTION	HOME ADDRESS
Abbott, Donald Putnam, <i>s</i>	<i>S.</i>	<i>Hyde Park hs.</i>	Chicago
Abbott, Grace Mary Robertson, <i>a w sp</i>	<i>L.</i>	Unclassified <i>s.</i> (<i>u. of Chicago</i>)	Los Angeles, Cal.
Adams, Melvin Jay, <i>a w sp</i>	<i>P.</i>	<i>Wendell Phillips hs.</i>	Chicago
Adams, Willis Sage, <i>a w sp</i>	<i>P.</i>	<i>Lisbon, N. Dak., hs.</i>	Lisbon, N. D.
Admiral, Virginia Harrington, <i>a w sp</i>	<i>L.</i>	<i>Danville, Ill., hs.</i>	Chicago
Agnew, Aurette Hoyt, <i>a w sp</i>	<i>L.</i>	<i>Girls' Classical s.</i>	Valparaiso, Ind.
Akers, Dwight La Brae, <i>a w sp</i>	<i>L.</i>	<i>Bloomington hs.</i>	Chicago
Alexander, Marks, <i>a w sp</i>	<i>L.</i>	<i>Quincy hs.</i>	Quincy
Allen, Berneice, <i>a w sp</i>	<i>L.</i>	<i>Whiting hs.</i>	Whiting, Ind.
Allen, Edward Weber, <i>s</i>	<i>P.</i>	<i>Oshkosh, Wis., State Normal</i>	Oshkosh, Wis.
Allen, Mary Stickney, <i>a w sp</i>	<i>L.</i>	<i>Milwaukee East Division hs.</i>	Milwaukee, Wis.
Allen, William Linn, <i>w sp</i>	<i>S.</i>	<i>The Athenaeum</i>	Chicago
Allin, Benjamin Casey, <i>a w sp</i>	<i>A.</i>	<i>University hs.</i>	Chicago
Allyn, Arthur Cecil, <i>a w sp</i>	<i>P.</i>	<i>Ft. Scott, Kan., hs.</i>	Wichita, Kan.
Anderson, Alfred Oscar, <i>a w sp</i>	<i>P.</i>	<i>Sioux City, Ia., hs.</i>	Sioux City, Ia.
Anderson, Alga Charlotte, <i>a w sp</i>	<i>S.</i>	<i>South Chicago hs.</i>	Chicago
Anderson, George Harold, <i>a w sp</i>	<i>P.</i>	<i>Elgin hs.</i>	Elgin
Anderson, John Emil, <i>a w</i>	<i>P.</i>	<i>North Park c.</i>	Chicago
Anderson, Martin Eli, <i>s</i>	<i>A.</i>	<i>Penn c.</i>	Chicago
Anderson, Stella, <i>w sp</i>	<i>L.</i>	Unclassified <i>s.</i> (<i>u. of Chicago</i>)	Chicago
Andrus, Paul Wright, <i>w sp</i>	<i>S.</i>	<i>Central hs., Cleveland, O.</i>	Cleveland, O.
Annan, Isabel Donaldson, <i>a</i>	<i>L.</i>	<i>Hyde Park hs.</i>	Chicago
Anthony, Irene Grace, <i>s a w sp</i>	<i>L.</i>	<i>South Division hs.</i>	Chicago
Arbuckle, Philip Heckman, <i>a</i>	<i>P.</i>	<i>u. of Illinois</i>	Kingston
Arkin, Aaron, <i>a w sp</i>	<i>S.</i>	<i>Hyde Park hs.</i>	Chicago
Arthur, Mary, <i>s</i>	<i>L.</i>	<i>Dubuque, Ia., hs.</i>	Dubuque, Ia.
Atteridge, Harold Richard, <i>a</i>	<i>P.</i>	<i>Robert A. Waller hs.</i>	Chicago
August, Irene, <i>a w sp</i>	<i>L.</i>	<i>Hyde Park hs.</i>	Chicago
Austin, Wilson Albert, <i>a w sp</i>	<i>P.</i>	<i>Omaha, Neb., hs.</i>	Omaha, Neb.
Avery, Marie Ione, <i>a w sp</i>	<i>A.</i>	<i>Elgin a.</i>	Galena
Axelson, Charles Frederic, <i>s a</i>	<i>P.</i>	<i>University hs.</i>	Chicago
Babcock, Madeline, <i>a w sp</i>	<i>L.</i>	<i>Springfield hs.</i>	Springfield
Badenoch, Arthur Hill, <i>a w sp</i>	<i>P.</i>	<i>Englewood hs.</i>	Chicago
Bagby, John Coleman, <i>a w</i>	<i>P.</i>	<i>Oak Park hs.</i>	Oak Park
Baird, William Glenn, <i>a</i>	<i>L.</i>	<i>Mt. Carroll hs.</i>	Mount Carroll
Baker, Frances Catherine, <i>a w sp</i>	<i>L.</i>	<i>Englewood hs.</i>	Chicago
Baker, Harry T., <i>s</i>	<i>L.</i>	<i>Cook Co. Normal s.</i>	Chicago
Baker, Hart Edward, <i>a w sp</i>	<i>P.</i>	<i>Englewood hs.</i>	Chicago
Baldwin, Robert Frederick, <i>a w</i>	<i>L.</i>	<i>Hardin, Va., Collegiate inst.</i>	Chicago
Bamberger, Arrie, <i>s a w</i>	<i>S.</i>	<i>South Division hs.</i>	Chicago
Barker, Grace Sarah Taylor, <i>s a</i>	<i>S.</i>	<i>Dearborn sem.</i>	Chicago
Barker, Norman, <i>a w sp</i>	<i>P.</i>	<i>Hyde Park hs.</i>	Chicago
Barnet, Arthur Benson, <i>a w sp</i>	<i>P.</i>	<i>Morgan Park a.</i>	Chicago
Barnhart, Elizabeth, <i>sp</i>	<i>L.</i>	Unclassified <i>s.</i> (<i>u. of Chicago</i>)	Greensburg, Pa.
Barron, Abe Bell, <i>w sp</i>	<i>A.</i>	<i>Joseph Medill hs.</i>	Chicago
Barron, Jacob Bell, <i>w sp</i>	<i>A.</i>	<i>Dawson hs.</i>	Chicago
Bash, Flint, <i>a w</i>	<i>L.</i>	<i>Warsaw, Ind., hs.</i>	Warsaw, Ind.

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NAME	COLLEGE	PREVIOUS INSTITUTION	HOME ADDRESS
Bass, Vera Kathryn, <i>a w sp</i>	L.	Hyde Park hs.	Chicago
Bates, Mary Louise, <i>sp</i>	L.	Unclassified s. (u. of Chicago)	Greenwich, N. Y.
Bauer, Clyde Maxwell, <i>a w sp</i>	S.	Goshen, Ind., hs.	Goshen, Ind.
Beal, Nova June, <i>a w sp</i>	A.	LaPorte, Ind., hs.	La Porte, Ind.
Beck, Mabel, <i>a w sp</i>	A.	Hammond, Ind., hs.	Hammond, Ind.
Becker, Hortense Lucile, <i>a w sp</i>	L.	Kenwood inst.	Chicago
Bednorz, Charles, <i>a w</i>	S.	Medill hs.	Chicago
Beery, Jennie Maxwell, <i>a</i>	L.	Kenwood inst.	Chicago
Beifeld, Irma Grace, <i>w sp</i>	L.	Columbia u.	Chicago
Belden, Grace, <i>s</i>	L.	Hyde Park hs.	Chicago
Bell, Bernard Iddings, <i>a w</i>	A.	South Division hs.	Hackensack, N. J.
Bell, Phebe Frances, <i>a w sp</i>	L.	University hs.	Chicago
Bennett, Georgia, <i>a w</i>	L.	Monroe hs.	Grant Park
Benton, Dean Scott, <i>a w sp</i>	P.	Ft. Scott, Kan., hs.	Fort Scott, Kan.
Berg, Edna Elizabeth, <i>a w sp</i>	S.	Kenwood inst.	Chicago
Berg, Ella Magdaline, <i>a w sp</i>	S.	Loretto Convent	Chicago
Bergman, Louis Willard, <i>a w</i>	S.	Robert A. Waller hs.	Chicago
Bergquist, John Elmer, <i>s a</i>	P.	Morgan Park a.	Washington, Ia.
Berlin, Louis Samuel, <i>s a</i>	S.	Northwest Division hs.	Chicago
Berndt, Otto Nicholas, <i>a w sp</i>	S.	Robert A. Waller hs.	Chicago
Berquist, Mabel Jenny, <i>a</i>	L.	Hyde Park hs.	Chicago
Bevan, Frank Samuel, <i>a w sp</i>	L.	Atlanta, Ill., hs.	Atlanta
Bevana, Homer, Jr., <i>a</i>	S.	Englewood hs.	Chicago
Biesen, Harriet Frances, <i>a w sp</i>	A.	St. James hs.	Chicago
Bittner, Elva Mae, <i>a w sp</i>	L.	South Division hs.	Chicago
Bittner, Walton Simon, <i>a</i>	A.	South Chicago hs.	Chicago
Black, William Edward, <i>a w</i>	P.	University hs.	Chicago
Blackford, Howard Painter, <i>a w sp</i>	P.	South Division hs.	Chicago
Bliss, E. Raymond, Jr., <i>a w sp</i>	P.	University hs.	Chicago
Bliss, George Custer, <i>a</i>	S.	University hs.	Chicago
Bliss, George Morgan, <i>a w sp</i>	P.	Seattle hs.	Chicago
Blum, Helen, <i>w sp</i>	L.	South Division hs.	Chicago
Blumenthal, Oscar, <i>a w sp</i>	P.	Peoria hs.	Peoria
Boesinger, George Edwin, <i>a w sp</i>	S.	LaGrange, Ind., hs.	La Grange, Ind.
Bond, Ida Wendover, <i>s</i>	A.	Illinois State Normal u.	Mt. Vernon
Borchardt, Conrad Robert Gustave, <i>a w sp</i>	S.	Northwest Division hs.	Chicago
Bosworth, Helen Florence, <i>w sp</i>	L.	Englewood hs.	Chicago
Bovee, Arthur Gibbon, <i>a</i>	L.	Morgan Park a.	Washington, D. C.
Bovell, Ruth Ernestine, <i>a w</i>	A.	Burlington, Ia., hs.	Burlington, Ia.
Bowles, Potter, <i>s a w sp</i>	S.	Memphis, a.	Memphis, Tenn.
Bowman, J. Craig, <i>a w sp</i>	S.	Starling Medical c., Columbus, O.	Upper Sandusky, O.
Boyd, Alberta Stella, <i>a w sp</i>	L.	a. of the Sacred Heart	Chicago
Boyer, Arthur Manley, <i>a</i>	P.	Englewood hs.	Chicago
Boyington, Jessie Cecelia, <i>a w</i>	S.	Hyde Park hs.	Chicago
Brady, John LeBrun, <i>a w sp</i>	S.	Keokuk, Ia., hs.	Moor, Ia.
Branch, Reed Russell, <i>w sp</i>	A.	Morgan Park a.	Redlands, Cal.
Braunlich, Alice Freda, <i>a w sp</i>	A.	Davenport hs.	Davenport, Ia.
Breen, Frances, <i>s</i>	A.	South Side a.	Chicago
Briggs, Chauncey Millar, <i>a w</i>	S.	Englewood hs.	Chicago

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Bright, Alice Elizabeth, <i>a w sp</i>	<i>L.</i>	<i>Englewood hs.</i>	Chicago
Bright, Helen Mildred, <i>sp</i>	<i>L.</i>	<i>Englewood hs.</i>	Chicago
Brody, Hyman Louis, <i>a</i>	<i>S.</i>	<i>Medill hs.</i>	Chicago
Brokaw, Albert Dudley, <i>a w sp</i>	<i>S.</i>	<i>Hyde Park hs.</i>	Granville
Broudo, Philip Harman, <i>w sp</i>	<i>L.</i>	<i>Medill hs.</i>	Chicago
Brown, Carey Herbert, <i>a w</i>	<i>S.</i>	<i>Zanesville, O., hs.</i>	Zanesville, O.
Brown, Christy, <i>s</i>	<i>S.</i>	<i>Harvard u.</i>	Kenilworth
Brown, Harold Lyman, <i>a w sp</i>	<i>P.</i>	<i>John Marshall hs.</i>	Chicago
*Brown, Lloyd Heman, <i>a sp</i>	<i>P.</i>	<i>Morrison hs.</i>	Morrison
Brown, Walter Elliott, <i>a w</i>	<i>P.</i>	<i>University hs.</i>	Chicago
Brownell, Lillian, <i>a w sp</i>	<i>L.</i>	<i>Monmouth c.</i>	Chicago
Browning, Lucy Emeline, <i>s</i>	<i>L.</i>	<i>Oberlin c.</i>	Elgin
Buhlig, Paul Arthur, <i>a w sp</i>	<i>L.</i>	<i>Lake hs.</i>	Chicago
Bunch, Irene Otis, <i>a w</i>	<i>L.</i>	<i>Unclassified s. (u. of Chicago)</i>	Peoria
Burgess, Robert Wilber, <i>s</i>	<i>A.</i>	<i>Morgan Park a.</i>	Morgan Park
Burr, Chauncey S., <i>a</i>	<i>S.</i>	<i>Morgan Park a.</i>	Chicago
Burr, Mary Winifred, <i>s a</i>	<i>S.</i>	<i>Calumet hs.</i>	Chicago
Burton, John Carlton, <i>a w sp</i>	<i>P.</i>	<i>West Aurora hs.</i>	Aurora
Busenbenz, Inez Belle, <i>a w sp</i>	<i>A.</i>	<i>Lake View hs.</i>	Chicago
Bush, Florence May, <i>s</i>	<i>A.</i>	<i>Chicago Normal s.</i>	Chicago
Butler, Helen Logan, <i>w sp</i>	<i>L.</i>	<i>Hyde Park hs.</i>	Chicago
Byford, Heath Turman, <i>a w sp</i>	<i>P.</i>	<i>University hs.</i>	Chicago
Caldwell, Fred Cornelius, <i>a w sp</i>	<i>S.</i>	<i>Clyde hs.</i>	Morton Park
Caldwell, Sarah Hazel, <i>a</i>	<i>L.</i>	<i>Ovid, Mich., hs.</i>	Chicago
Calhoun, William Harvie, <i>a</i>	<i>P.</i>	<i>University hs.</i>	Chicago
Campbell, Ella Isabella, <i>s</i>	<i>L.</i>	<i>Englewood hs.</i>	Chicago
Cappe, Sarah Louise, <i>a w sp</i>	<i>L.</i>	<i>Illinois c.</i>	Jacksonville
Carhart, William Henry, <i>w sp</i>	<i>S.</i>	<i>Chicago Manual Training s.</i>	Chicago
Carlock, Mary Madeline, <i>s a w</i>	<i>A.</i>	<i>Evanston Township hs.</i>	Chicago
*Carr, Frederick Whistler, <i>a sp</i>	<i>L.</i>	<i>Morgan Park a.</i>	Chicago
Carroll, Bessie Marie, <i>a w</i>	<i>L.</i>	<i>Calumet hs.</i>	Chicago
Carter, Evelyn Harriet, <i>s a w sp</i>	<i>L.</i>	<i>Arthur Hill, Mich., hs.</i>	Chicago
Cary, Charles Aaron, <i>s</i>	<i>S.</i>	<i>Wisconsin State u.</i>	St. Paul, Minn.
Cary, Eugene, <i>a w sp</i>	<i>S.</i>	<i>University hs.</i>	Chicago
Case, Josephine, <i>a</i>	<i>L.</i>	<i>St. Mary's, Knoxville, Ill.</i>	Chicago
Casey, Angie May, <i>a</i>	<i>L.</i>	<i>Hyde Park hs.</i>	Chicago
Case, Ruth Frances, <i>a w sp</i>	<i>L.</i>	<i>Kenwood inst.</i>	Rochelle
Chamberlin, Ethel Louise, <i>a w sp</i>	<i>L.</i>	<i>Hyde Park hs.</i>	Chicago
Chamberlin, Weaver <i>a w sp</i>	<i>P.</i>	<i>Harvard s.</i>	Chicago
Chandler, Frances, <i>a</i>	<i>A.</i>	<i>South Side a.</i>	Chicago
Chandler, Hannibal Harlow, Jr., <i>a w sp</i>	<i>P.</i>	<i>University hs.</i>	Chicago
Chaney, Florence Jeanette, <i>a w sp</i>	<i>L.</i>	<i>Englewood hs.</i>	Chicago
Chatfield, George Cunningham, <i>a w sp</i>	<i>P.</i>	<i>Armour inst.</i>	Chicago
Chattell, Clarence Condee, <i>a w sp</i>	<i>L.</i>	<i>University hs.</i>	Chicago
Childa, Wilfred Leonard, <i>s w sp</i>	<i>S.</i>	<i>Springfield, Mo., hs.</i>	Chatham, Mass.
Ching, Yue, <i>a w sp</i>	<i>P.</i>	<i>Morgan Park a.</i>	Tien-pin, China
Church, Sara Bel, <i>a sp</i>	<i>L.</i>	<i>Hyde Park hs.</i>	Chicago
Clapp, Myrtle, <i>s a</i>	<i>L.</i>	<i>Valparaiso c.</i>	Greenville, O.
Clark, Arthur W., <i>a w sp</i>	<i>P.</i>	<i>Fort Scott hs.</i>	Fort Scott, Kan.

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NAME	COLLEGE	PREVIOUS INSTITUTION	HOME ADDRESS
Clark, Ivor Gordon, <i>a w sp</i>	S.	Zanesville, O., <i>hs.</i>	Zanesville, O.
Clarke, George Rex, <i>a w sp</i>	A.	Pontiac, <i>hs.</i>	Forrest
Claybaugh, Anna Margaret, <i>s</i>	A.	Ind. State Normal	Frankfort, Ind.
Clements, Melbourne, <i>sp</i>	S.	Unclassified s. (<i>u. of Chicago</i>)	Nashville, Tenn.
Cleverdon, Helen Frances, <i>a</i>	L.	Robt. A. Waller <i>hs.</i>	Chicago
Cohen, George Bernard, <i>s</i>	P.	South Division <i>hs.</i>	Chicago
Cole, Lucia Emma, <i>a w sp</i>	L.	Tudor Hall, Indianapolis	Chicago
Collins, Mary Eileen, <i>sp</i>	A.	St. James <i>hs.</i>	Chicago
Compton, Florence, <i>a w sp</i>	A.	Englewood, <i>hs.</i>	Chicago
Compton, Jean, <i>a w sp</i>	L.	Hyde Park <i>hs.</i>	Chicago
Compton, Mary Stevens, <i>s</i>	L.	Michigan State Normal s.	Toledo, O.
Comstock, Walter Phillips, <i>w sp</i>	S.	Princeton u.	Chicago
Conant, Claud Bulkley Stanford, <i>s</i>	S.	Wisconsin State u.	Chicago
Conrad, Elizabeth, <i>a</i>	L.	Austin, <i>hs.</i>	Kansas City, Mo.
Cook, David Carl, <i>s a w sp</i>	Rel. & Soc. Sci.	Divinity s. (<i>u. of Chicago</i>)	Elgin
Cook, Max Holcomb, <i>s a w</i>	P.	Chicago Manual Training s.	Chicago
Core, Charlotte Alberta, <i>a</i>	A.	Hyde Park <i>hs.</i>	Chicago
Corkell, Delphine Zarilda, <i>a w sp</i>	L.	Hyde Park <i>hs.</i>	Chicago
Courtenay, Mary Ethel, <i>a w sp</i>	A.	Englewood <i>hs.</i>	Chicago
Cowan, Florence Julia, <i>a w sp</i>	L.	Wendell Phillips <i>hs.</i>	Chicago
Cox, George Washington, <i>a w sp</i>	S.	Northwestern u.	Litchfield
Coyne, Daniel Joseph, Jr., <i>a w sp</i>	P.	John Marshall <i>hs.</i>	Chicago
Crandall, Ella Inette, <i>a w sp</i>	L.	Genesee State Normal	Bolivar, N. Y.
Crocker, Charles Lynde, <i>a w sp</i>	P.	Armour a.	Chicago
Crosby, Kenneth Owen, <i>a w sp</i>	A.	Hyde Park <i>hs.</i>	Chicago
Crossman, Fred Asa, <i>a</i>	A.	Morgan Park a.	La Moille
Crouch, Robert Temple, <i>a w sp</i>	S.	Morgan Park a.	Morgan Park
Crowe, Marguerite, <i>w sp</i>	A.	Roxbury <i>hs.</i>	Chicago
Culbert, Milo Herman, <i>a w sp</i>	S.	Portland, Ind., <i>hs.</i>	Portland, Ind.
Culver, Anna Evaline, <i>a w sp</i>	A.	North Park c.	Chicago
Cuppy, William Jacob, <i>s</i>	L.	Auburn, Ind., <i>hs.</i>	Chicago
Cutting, Luverne Harrison, <i>s a w sp</i>	S.	Sugar Grove <i>hs.</i>	Aurora
Daily, Frank Edward, <i>a w sp</i>	P.	Freeport <i>hs.</i>	Chicago
Danner, Alvina Adelena, <i>a w sp</i>	L.	Monticello sem.	Mt. Pulaski
Darlington, Harley Chester, <i>a w sp</i>	P.	Lyons Township <i>hs.</i>	La Grange
Darst, Charles Lowell, <i>s</i>	L.	Ohio Normal University	Chicago
Davenport, John Ernest, <i>a w sp</i>	P.	Eureka c.	Chicago
Davidson, Zelma, <i>a w sp</i>	L.	Hyde Park <i>hs.</i>	Chicago
Davis, Anna Harriett, <i>a w</i>	L.	Frances Shimer a.	Chicago
Davis, Anne Sophia, <i>a w sp</i>	L.	Englewood <i>hs.</i>	Chicago
Davis, David Francis, <i>a w sp</i>	A.	Hyde Park <i>hs.</i>	Chicago
Davison, Clinton Joseph, <i>s</i>	S.	Bloomington <i>hs.</i>	Bloomington
Day, Edwin Winfield, <i>sp</i>	S.	Harvard s.	Chicago
Day, Eleanor Chapman, <i>a w sp</i>	L.	Blue Island <i>hs.</i>	Chicago
Day, Marjorie, <i>a w</i>	L.	Blue Island <i>hs.</i>	Chicago
Day, Mary Bostwick, <i>a w</i>	L.	Armour inst.	Chicago
Dekker, Abram, <i>a w sp</i>	A.	Calumet <i>hs.</i>	Chicago
DeLong, Iva Jean, <i>a w sp</i>	L.	South Division <i>hs.</i>	Chicago
Delson, Solomon Menahem, <i>a w sp</i>	L.	Joseph Medill <i>hs.</i>	Chicago

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Dement, Nonie Eleanor, <i>sp</i>	L.	Mrs. Starrett's s. for Girls	Chicago
Densmore, Ida May, <i>sp</i>	L.	Niles, Mich., <i>hs.</i>	Superior, Wis.
Denton, Valentine Jennie, <i>a w sp</i>	L.	Wendell Phillips <i>hs.</i>	Chicago
DeTray, Leo C., <i>a sp</i>	S.	Robert A. Waller, <i>hs.</i>	Chicago
Dewhurst, Helen, <i>a w sp</i>	L.	Hyde Park <i>hs.</i>	Chicago
Dewhurst, Winifred Perry, <i>a</i>	A.	Hyde Park <i>hs.</i>	Chicago
DeWolfe, John Chauncey, <i>a w sp</i>	L.	State Normal s., Charleston, Ill.	Maywood
Dickerman, Gertrude Olive, <i>a w sp</i>	L.	Blue Island <i>hs.</i>	Blue Island
Dille, John Flint, <i>a w sp</i>	P.	Dixon <i>hs.</i>	Chicago
Dillon, Augustus Reynolds, <i>s</i>	S.	Lynn, Mass. <i>hs.</i>	Chicago
Dilly, Frank Michael, <i>a w sp</i>	P.	Huntingburg <i>hs.</i>	Huntingburg, Ind.
Dinning, Robert James, Jr., <i>a w sp</i>	P.	Bless Military a.	Omaha, Neb.
Dixon, Karl Hale, <i>a w</i>	P.	Calumet <i>hs.</i>	Chicago
Dodge, Ivy Hunter, <i>s a w sp</i>	L.	Terra Haute u.	Goshen, Ind.
Donker, Adrian Edward, <i>s a</i>	S.	u. of Michigan	Grand Rapids, Mich.
Donovan, Jesse Webster, <i>a w</i>	P.	Goshen <i>hs.</i>	Goshen, Ind.
Dotts, Grace Bell, <i>a w sp</i>	L.	Ft. Collins <i>hs.</i> , Colo.	Denver, Colo.
Drinkall, Leon Rae, <i>a w sp</i>	S.	Spring Valley <i>hs.</i>	Spring Valley, Minn.
Driscoll, Lucy Catherine, <i>a w sp</i>	A.	Robert A. Waller <i>hs.</i>	Chicago
Drummond, Amasa Frederick, <i>s</i>	L.	Clyde <i>hs.</i>	Berwyn
Ducker, Erwin Edward, <i>a w sp</i>	P.	Mt. Vernon, N. Y., <i>hs.</i>	Chicago
von Duisburg, Marie Caroline, <i>a w sp</i>	L.	University <i>hs.</i>	Chicago
Dunn, Peter Francis, <i>a w sp</i>	P.	South Side a.	Osborne, Ia.
Dupee, Margaret Buchanan, <i>a w sp</i>	S.	Unclassified s. (u. of Chicago)	Chicago
Durbin, Frances Camilla, <i>a w sp</i>	L.	Wendell Phillips <i>hs.</i>	Chicago
Durr, George Alfred, <i>a</i>	P.	Wendell Phillips <i>hs.</i>	Chicago
Dwyer, Irene Lucile Cecille, <i>a w sp</i>	A.	Wendell Phillips <i>hs.</i>	Chicago
Dye, Helen Judson, <i>s a w sp</i>	L.	University <i>hs.</i>	Chicago
Eckersall, Walter Herbert, <i>s a w sp</i>	P.	Hyde Park <i>hs.</i>	Chicago
Edmonds, Errett White, <i>a w sp</i>	S.	Ft. Smith <i>hs.</i>	Ft. Smith, Ark.
Edson, Loren Dale, <i>a w sp</i>	P.	North Bend, Neb., <i>hs.</i>	Des Moines, Ia.
Eisendrath, David Samson, <i>a w</i>	P.	South Division <i>hs.</i>	Chicago
Elder, Edgar Barrett, <i>s a w</i>	P.	University <i>hs.</i>	Chicago
Elliott, Benjamin Edelstein, <i>a w sp</i>	S.	Hyde Park <i>hs.</i>	Chicago
Ellis John Dayhuff, <i>a w sp</i>	S.	Rensselaer <i>hs.</i>	Rensselaer, Ind.
Emery, Izelle Opal, <i>a w sp</i>	L.	Frances Shimer a.	Chicago
Enfield, Charles Darwin, <i>a w sp</i>	S.	Morgan Park a.	Jefferson, Ia.
English, Benjamin Charles, <i>a w sp</i>	P.	Oliver Military a.	Danville
Erickson, Elizabeth Emily, <i>a w sp</i>	L.	Austin <i>hs.</i>	Chicago
Erickson, Sophia Mae, <i>a sp</i>	L.	Englewood <i>hs.</i>	Chicago
Eskil, Ragna Bergliot, <i>a w sp</i>	L.	Iron Mountain <i>hs.</i>	Chicago
Ettlinger, Isador Aaron, <i>a w sp</i>	S.	Joliet <i>hs.</i>	Joliet
Ewart, Rowena Hayward, <i>sp</i>	L.	Mt. Vernon sem.	Chicago
Ewing, Edgar Edison, <i>w</i>	A.	Wabash <i>hs.</i>	Wabash, Ind.
Fahs, James Robin, <i>a w sp</i>	S.	Independence <i>hs.</i>	Independence, Ia.
Fechter, George Mendlik, <i>a w sp</i>	S.	Manitowoc North Side <i>hs.</i>	Manitowoc, Wis.
Felsenthal, Edward George, <i>a w sp</i>	A.	Morgan Park a.	Chicago
Fennessy, Anna Marie, <i>a sp</i>	S.	Armour inst.	Chicago
Ferguson, Agnes Burns, <i>s</i>	L.	State s. of Mines	Rapid City, S. D.

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NAME	COLLEGE	PREVIOUS INSTITUTION	HOME ADDRESS
Ferguson, Daniel Webster, <i>a w sp</i>	A.	Monmouth c.	Mt. Sterling, Ia.
Ferguson, Florence Benbow, <i>a sp</i>	S.	Kemper Hall	Chicago
Fernald, Luther Dana, <i>s a w</i>	P.	Staten Island a.	West New Brighton, N. Y.
Ferry, Lily Martin, <i>s</i>	S.	Louisville Girls' hs.	Louisville, Ky.
Finerty, Vera Constance, <i>a w sp</i>	L.	South Division hs.	Chicago
Fischer, Haydn Lyle, <i>a w sp</i>	S.	Kewanee hs.	Chicago
Flood, James Douglas, <i>a w</i>	P.	Chicago Manual Training s.	Chicago
Flynn, Ella Mary Cornelia, <i>a w sp</i>	L.	Robert A. Waller hs.	Chicago
Folger, Alice Louise, <i>a w</i>	L.	Columet hs.	Chicago
Fonda, Minerva Fairbanks, <i>sp</i>	L.	Unclassified s. (u. of Chicago)	Gloversville, N. Y.
Foreman, Harold Edwin, <i>a w</i>	A.	Harvard s.	Chicago
Forster, Katherine Elizabeth, <i>s</i>	L.	Buffalo Central hs.	Buffalo, N. Y.
Fox, Bertha Weiman, <i>a w</i>	A.	Grand Rapids (Mich.) hs.	Chicago
Frake, Emily Allen, <i>a w sp</i>	L.	Lewis inst.	Chicago
Fralick, May Elizabeth, <i>a</i>	L.	South Division hs.	Chicago
Francis, John Percy, <i>a w sp</i>	A.	Ishpeming hs.	Ishpeming, Mich.
Freeman, Anna Louise, <i>a</i>	S.	Northwestern u.	Wilmington
Freeman, Burdella Alice, <i>sp</i>	L.	McKinley hs.	Chicago
Freer, Lemuel Raymond, <i>a</i>	P.	Lyons Township hs.	Chicago
Fuller, George Elmer, <i>a w sp</i>	P.	Englewood hs.	Chicago
Fuller, Harry Burton, <i>a w sp</i>	S.	Peru Township hs.	Chicago
Fuller, Harvey Benjamin, Jr., <i>w sp</i>	P.	St. Paul Central hs.	St. Paul, Minn.
Furniss, Harriet, <i>a w sp</i>	L.	Englewood hs.	Chicago Heights
Gaarde, Fred William, <i>a w sp</i>	S.	Minden hs.	Minden, Neb.
Gale, Burton Pike, <i>a w</i>	P.	East Aurora hs.	Aurora
Gamble, Ruth Dew, <i>a w sp</i>	L.	Thornton Township hs.	Harvey
Gardner, Roma Victoria, <i>a w</i>	L.	Hamilton hs.	Hamilton, O.
Gartside, John Love, <i>a w</i>	P.	Hyde Park hs.	Chicago
Gass, Preston Florian, <i>a w sp</i>	P.	Steele (Dayton, O.) hs.	Dayton, O.
Gates, Frederick Lamont, <i>a w sp</i>	S.	Montclair hs.	Montclair, N. J.
*George, Carrie Louise, <i>a sp</i>	L.	Englewood hs.	Chicago
Georgen, William Mathias, <i>a w sp</i>	P.	South Belvidere hs.	Belvidere
Gerhard, Florence Marion, <i>a sp</i>	L.	University hs.	Chicago
Gidart, Augustus William, <i>a</i>	A.	North Park c.	Chicago
Giets, Henry, <i>a w sp</i>	P.	New Mexico Normal s.	Silver City, N. M.
Gifford, Harold Cushman, <i>a sp</i>	L.	Harvard s.	Chicago
Gillespie, John Foster, <i>a w</i>	P.	University hs.	Chicago
Gillies, Robert Aymer, <i>w</i>	S.	Armour a.	Chicago
Gishwiller, Daniel Stiver, <i>a w</i>	L.	Lena hs.	Lena
Glerum, Joseph Christopher, <i>a</i>	P.	Devil's Lake hs.	Devil's Lake, N. D.
Godshaw, Esther M., <i>a w sp</i>	L.	Louisville Girls' hs.	Louisville, Ky.
Goes, Arthur Albert, <i>a w sp</i>	S.	Morgan Park a.	Chicago
Goldman, Frances Clara, <i>a w sp</i>	L.	Hyde Park hs.	Chicago
Goodnow, Marcellus Nessell, <i>a w sp</i>	P.	Hyde Park hs.	Chicago
Goodspeed, Thomas Harper, <i>a w</i>	A.	University hs.	Chicago
Gould, Edna, <i>a w sp</i>	A.	Hyde Park hs.	Chicago
Gould, Robin Patterson, <i>a w sp</i>	A.	El Paso (Tex.) hs.	Albuquerque, N. M.
Grannis, Laurence Royce, <i>a w sp</i>	S.	Lake View hs.	Chicago
Gray, Paul Rowley, <i>a</i>	A.	Wayland a.	Evansville, Wis.

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Gray, William Buckingham, <i>a</i>	<i>P.</i>	<i>Robert A. Waller hs.</i>	Chicago
Greeley, Edith Elizabeth, <i>a w sp</i>	<i>L.</i>	<i>University hs.</i>	Chicago
Green, Alta Kathryn, <i>a w sp</i>	<i>L.</i>	<i>Normal s. of Iowa</i>	Webster City, Ia.
Green, John Winston, <i>a w sp</i>	<i>S.</i>	<i>Albion (Ind.) hs.</i>	Albion, Ind.
Green, Roy Edwin, <i>a</i>	<i>L.</i>	<i>Whiting hs.</i>	Whiting, Ind.
Greenacre, Alice, <i>a w sp</i>	<i>A.</i>	<i>Englewood hs.</i>	Chicago
Greenbaum, Gertrude, <i>a w sp</i>	<i>L.</i>	<i>University hs.</i>	Chicago
Greene, James Henry, <i>a w sp</i>	<i>S.</i>	<i>Dubuque (Ia.) hs.</i>	Dubuque, Ia.
Greer, James Richard, <i>s a w</i>	<i>S.</i>	<i>u. of Illinois</i>	Chicago
Griesheimer, Lillian, <i>a sp</i>	<i>L.</i>	<i>Wendell Phillips hs.</i>	Chicago
Grim, Harriet, <i>a w sp</i>	<i>L.</i>	<i>Canton hs.</i>	Canton
Gunderson, Gudrun Cornelia, <i>s a w sp</i>	<i>L.</i>	<i>u. of Illinois</i>	Chicago
Gunn, Neil Mackay, <i>s a w sp</i>	<i>S.</i>	<i>Hyde Park hs.</i>	Chicago
Gunsaulus, Helen Cowan, <i>a w sp</i>	<i>L.</i>	<i>Dearborn sem.</i>	Chicago
*Hall, David White, <i>a</i>	<i>P.</i>	<i>Hyde Park hs.</i>	Chicago
Hall, Eleanor Lorinda, <i>a w</i>	<i>L.</i>	<i>University hs.</i>	Chicago
Hamer, Margaret, <i>a</i>	<i>L.</i>	<i>Maine Township hs.</i>	Park Ridge
Hamilton, Edwin Earle, <i>a w</i>	<i>L.</i>	<i>Englewood hs.</i>	Chicago
Hampsher, Annette Gladys, <i>a w sp</i>	<i>L.</i>	<i>South Division hs.</i>	Chicago
Handy, Fred Russell, <i>a w sp</i>	<i>P.</i>	<i>Benton Harbor hs.</i>	Sodus, Mich.
Hansen, Bena, <i>w sp</i>	<i>L.</i>	<i>Unclassified s. (u. of Chicago)</i>	Albert Lea, Minn.
Hansen, Harry Arthur, <i>a w sp</i>	<i>P.</i>	<i>Davenport hs.</i>	Davenport, Ia.
Hanszen, Harry, <i>a w sp</i>	<i>L.</i>	<i>Jefferson City hs.</i>	Jefferson City, Mo.
Harding, Harriet Agnes, <i>a</i>	<i>L.</i>	<i>University hs.</i>	Chicago
Harle, Hugh Coffin, <i>s a</i>	<i>L.</i>	<i>Princeton u.</i>	New York, N. Y.
Harlowe, Victor David, <i>a w sp</i>	<i>A.</i>	<i>Milwaukee West Division hs.</i>	Milwaukee, Wis.
Harper, Florence May, <i>a w sp</i>	<i>P.</i>	<i>Kenwood inst.</i>	Chicago
Harper, Harry Halsted, <i>a w sp</i>	<i>P.</i>	<i>Cambridge (Ohio) hs.</i>	Blue Rock, O.
Harper, Jesse Clair, <i>a w</i>	<i>P.</i>	<i>Morgan Park a.</i>	Chicago
Harper, Paul Vincent, <i>s a w sp</i>	<i>A.</i>	<i>Morgan Park a.</i>	Chicago
Harris, Aimee, <i>a</i>	<i>L.</i>	<i>Wendell Phillips hs.</i>	Chicago
Harris, Elijah Preble, <i>s</i>	<i>S.</i>	<i>Lewis inst.</i>	Chicago
Harris, Robert Sachs, <i>a sp</i>	<i>S.</i>	<i>Hyde Park hs.</i>	Chicago
Harriman, Harry Winfred, <i>w sp</i>	<i>L.</i>	<i>Wayland a.</i>	Neillsville, Wis.
Harrison, Maud, <i>a</i>	<i>L.</i>	<i>Auburn (Ind.) hs.</i>	Grafton, O.
Harsha, William Thomas, <i>s</i>	<i>S.</i>	<i>Princeton-Yale</i>	Chicago
Harshman, Effigene, <i>a w sp</i>	<i>L.</i>	<i>Monticello sem.</i>	Griggsville
Hart, F. Ethel, <i>a sp</i>	<i>L.</i>	<i>Hyde Park hs.</i>	Chicago
Hart, Robert J., <i>a w sp</i>	<i>P.</i>	<i>Hyde Park hs.</i>	Chicago
Haskins, Linwood, <i>a</i>	<i>L.</i>	<i>Owensboro hs.</i>	Owensboro, Ky.
Hause, Augustus Philip, <i>a w sp</i>	<i>S.</i>	<i>University (Louisville, Ky.) s.</i>	New Albany, Ind.
Haven, Jane Merwin, <i>a w sp</i>	<i>L.</i>	<i>Ottumwa hs.</i>	Ottumwa, Ia.
Hay, Vera Luxene, <i>a w sp</i>	<i>L.</i>	<i>Attica hs.</i>	Attica, Ind.
Hayes, Helen Louise, <i>a w sp</i>	<i>L.</i>	<i>Cedar Rapids hs.</i>	Cedar Rapids, Ia.
Hayes, Henry Francis, <i>a w sp</i>	<i>S.</i>	<i>Englewood hs.</i>	Chicago
Healy, Anna Catherine, <i>a w</i>	<i>L.</i>	<i>Morgan Park hs.</i>	Chicago
Heap, Mary Fiske, <i>a w</i>	<i>A.</i>	<i>Englewood hs.</i>	Chicago
Hebberd, Loren Loomis, <i>a w sp</i>	<i>S.</i>	<i>University hs.</i>	Chicago
Hedeen, Lillie May M. O., <i>a w sp</i>	<i>L.</i>	<i>Calumet hs.</i>	Chicago

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Heller, Edna, <i>a w sp</i>	L.	Hyde Park hs.	Chicago
Henderson, Alva Willie, <i>a w sp</i>	P.	Colorado Springs hs.	Colorado Springs, Colo.
Henderson, Bertha May, <i>a w sp</i>	L.	Hyde Park hs.	Chicago
Hendricks, Helen Elizabeth, <i>a</i>	L.	University hs.	Madisonville, Ky.
Hendricks, Sara Davie, <i>a w sp</i>	L.	University hs.	Madisonville, Ky.
Henn, Joseph Leo, <i>s</i>	S.	State Normal (Moorhead, Minn.) s.	Perham, Minn.
Henry, Huntington Badger, <i>a w sp</i>	L.	Chicago Manual Training s.	Chicago
Henry, Winston Patrick, <i>a w sp</i>	L.	University hs.	Chicago
Herger, Albert August Ernst, <i>w sp</i>	P.	Harvey hs.	Chicago
Herrick, Ruth W., <i>a w</i>	L.	Englewood hs.	Chicago
Hees, Dorothy Howe, <i>sp</i>	A.	Lyons Township hs.	La Grange
Hewitt, William Francis, <i>a w sp</i>	S.	Hyde Park hs.	Chicago
Hewson, Earl Granville, <i>w</i>	P.	La Porte, Ind., hs.	Kingsbury, Ind.
Higley, Violet Elizabeth, <i>a sp</i>	L.	Waukegan, hs.	Waukegan
Hill, James Madison, <i>s</i>	S.	Chicago Manual Training s.	Chicago
Hill, John Frederick, <i>a</i>	S.	Lima hs.	Lima, O.
Hill, Melville Archibald, <i>a w</i>	P.	University hs.	Chicago
Hilliard, Ethel Mary, <i>sp</i>	L.	u. of Texas	Chicago
Hinckley, Donald Stanley, <i>s a w sp</i>	L.	South Division hs.	Chicago
Hines, Irene Winifred, <i>a w sp</i>	L.	Morgan Park hs.	Morgan Park
Hirsch, David Einhorn, <i>s a w sp</i>	L.	South Division hs.	Chicago
Hirschl, Marcus Andrew, <i>a</i>	P.	Hyde Park hs.	Chicago
Hlakey, Loy Elrie, <i>a w sp</i>	S.	Wa Keeney hs.	Colby, Kan.
Hitchcock, Carl Huntley, <i>a</i>	P.	North Division hs.	Chicago
Hoadley, Eugene Corthell, <i>a w sp</i>	P.	Wendell Phillips hs.	Chicago
Hobbs, Russell Drake, <i>a w</i>	S.	Hyde Park hs.	Chicago
Hofer, Amalie, <i>a w</i>	A.	Mac Gregor, Ia., hs.	Chicago
Hoffman, David Harold, <i>a w sp</i>	S.	Leadville, Colo., hs.	Leadville, Colo.
Hoffman, Harry Richard, <i>a w sp</i>	S.	West Division hs.	Chicago
Hoffman, Leo Weil, <i>a w sp</i>	L.	Ligonier, Ind., hs.	Chicago
Holmes, Faith, <i>a sp</i>	L.	Hyde Park, hs.	Chicago
Holzheimer, Margaret Bertha, <i>a w sp</i>	L.	Hyde Park hs.	Chicago
Honberger, Frank Henry, Jr., <i>a w sp</i>	S.	University, hs.	Chicago
Hoover, Jose Ward, <i>a</i>	P.	John Marshall hs.	Chicago
Hoover, Maud Willard, <i>a w sp</i>	S.	Pontiac Township hs.	Pontiac
Hopkins, Daisy Edna, <i>s</i>	L.	Chicago Normal s.	Chicago
Hopkins, Jean Raymond, <i>w sp</i>	S.	Englewood hs.	Chicago
Hoskins, Minna, <i>a w sp</i>	L.	Lyons Township hs.	La Grange
Hostetter, Earl DeWitt, <i>a</i>	P.	Hyde Park hs.	Chicago
Hostetter, Herber Peart, <i>a w sp</i>	P.	Oliver Military a.	Mount Carroll
Hotchkiss, Miles Elias, Jr., <i>a w sp</i>	L.	Chicago Heights hs.	Chicago
Hough, Anne, <i>a</i>	S.	Hyde Park hs.	Chicago
Houghton, Albert Beebe, <i>a w</i>	P.	Council Bluffs hs.	Council Bluffs, Ia.
Howard, Juanita Carol, <i>a w sp</i>	L.	Englewood hs.	Chicago
Howe, Alice, <i>s</i>	L.	Chicago Normal s.	Chicago
Howe, Samuel Theodore, <i>a w sp</i>	S.	Topeka hs.	Topeka, Kan.
Hubbell, Ralph Lee, <i>a</i>	L.	Englewood hs.	Chicago
Hughes, Evangeline, <i>a</i>	L.	Hyde Park hs.	Chicago
Hughes, Felix Turner, <i>s</i>	P.	Ottumwa hs.	Ottumwa, Ia.

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Hulbert, James Root, <i>s a</i>	A.	<i>Stearns a.</i>	Chicago
Hulburt, Mary Ella, <i>a w sp</i>	L.	<i>Wauwatosa, Wis., hs.</i>	Wauwatosa, Wis.
Hull, Mary, <i>s</i>	L.	<i>Houston, Tex., hs.</i>	Houston, Tex.
Hull, Walter Henry, <i>a w</i>	P.	<i>Marshalltown, Ia., hs.</i>	Marshalltown, Ia.
Hummel, Arthur William, <i>a w sp</i>	A.	<i>Morgan Park a.</i>	Nashville
Hummel, William Frederick, <i>a w sp</i>	S.	<i>Morgan Park a.</i>	Nashville
Hunter, Daisy Marie, <i>s</i>	L.	<i>Springfield hs.</i>	Springfield
Hunter, Estelle Belle, <i>a w</i>	L.	<i>Lake Forest u.</i>	Kankakee
Hunter, Hobart Russell, <i>a w sp</i>	S.	<i>Fond du Lac hs.</i>	Fond du Lac, Wis.
Hurd, Florence Emma, <i>a</i>	L.	<i>Elgin a.</i>	Chicago
Hurd, Helen Elizabeth, <i>a w sp</i>	L.	<i>University hs.</i>	Chicago
Huskey, Florence, <i>a w</i>	L.	<i>South Division hs.</i>	Chicago
Iddings, Harold, <i>a w sp</i>	L.	<i>Shattuck s.</i>	Merrillville, Ind.
Ireland, Charles Hammer, <i>a w sp</i>	A.	<i>Beardstown hs.</i>	Beardstown
Ives, William Booth, <i>a w sp</i>	A.	<i>North Denver hs.</i>	Chicago
Iverson, George Edwin, <i>sp</i>	P.	<i>Lewis inst.</i>	Chicago
Iwasaki, Hideya, <i>s a</i>	P.	<i>Imperial High Middle s.</i>	Tokyo, Japan
Jackman, Ruth Reis, <i>a sp</i>	L.	<i>Stetson Preparatory s.</i>	Chicago
Jacobson, Clara, <i>a w sp</i>	L.	<i>Hyde Park hs.</i>	Chicago
Jacoby, Helen Eaton, <i>a w sp</i>	A.	<i>Manual Training hs.</i>	Indianapolis, Ind.
James, Harry Lorenzo, <i>s a w sp</i>	S.	<i>Springfield hs.</i>	Springfield
James, William Fullerton, Jr., <i>a w sp</i>	S.	<i>University hs.</i>	Chicago
Jameson, Vesta Lenore, <i>a w sp</i>	L.	<i>Central hs., Minneapolis, Minn.</i>	Rochester, Minn.
Janke, Elizabeth Cecilia Constantia, <i>a w sp</i>	L.	<i>Ball hs., Galveston, Tex.</i>	Galveston, Tex.
Jenkins, Luther Walker, <i>a w sp</i>	S.	<i>Paris hs.</i>	Paris
Jessup, Eva Margaret, <i>a</i>	A.	<i>Englewood hs.</i>	Chicago
Johlin, Jacob Martin, <i>a sp</i>	L.	<i>Toledo, O., Central hs.</i>	Toledo, O.
*Johnson, Alfreda Josephine, <i>a</i>	L.	<i>Englewood hs.</i>	Chicago
Johnson, Ednabel, <i>a w sp</i>	L.	<i>University hs.</i>	Chicago
Johnson, Louie May, <i>s</i>	L.	<i>Ward's s., Nashville, Tenn.</i>	University, Miss.
Johnson, Thomas Arthur, <i>a w sp</i>	S.	<i>Dekalb Township hs.</i>	Malta
Johnston, Edith Margaret, <i>s a w sp</i>	A.	<i>Fort Smith, Ark., hs.</i>	Fort Smith, Ark.
Johnston, Eldon Thomas, <i>sp</i>	S.	<i>Unclassified, s. (u. of Chicago.)</i>	Wheatland, Wyo.
Joldersma, Rudolph Duiker, <i>a w</i>	S.	<i>Morgan Park a.</i>	Fulton
Jones, Flora Thomson, <i>a w</i>	A.	<i>St. Mary's a.</i>	Garrett, Ind.
Jones, Wellington Downing, <i>a w</i>	S.	<i>University hs.</i>	Chicago
Jordan, Charles Butler, <i>a w sp</i>	P.	<i>Ottumwa, Ia., hs.</i>	Ottumwa, Ia.
Jordan, William Ralph, <i>w sp</i>	P.	<i>Austin hs.</i>	Chicago
Judson, Paul King, <i>s a w sp</i>	P.	<i>Culver Military a.</i>	Chicago
Kahn, Fred, <i>a w sp</i>	P.	<i>University hs.</i>	Chicago
Kantrowitz, Ruth, <i>w sp</i>	L.	<i>Hyde Park hs.</i>	Chicago
Kauffman, Lois Ballard, <i>a w sp</i>	L.	<i>Blue Island hs.</i>	Blue Island
Kaufman, Joseph Paul, <i>w sp</i>	P.	<i>Fall River, Mass., hs.</i>	Norwich, Conn.
Kawin, Irene, <i>a w sp</i>	L.	<i>Hyde Park hs.</i>	Chicago
Keen, Harold Fremont, <i>a w sp</i>	P.	<i>Hyde Park hs.</i>	Chicago
Keisker, Evelyn Fredericka, <i>a w sp</i>	L.	<i>Louisville Girl's hs.</i>	Louisville, Ky.
Kelley, Isabelle, <i>s a w</i>	L.	<i>South Chicago hs.</i>	Chicago
Kelley, Thomas, <i>a w sp</i>	S.	<i>Du Quoin hs.</i>	Du Quoin
Kellogg, Marie Lucile, <i>a w sp</i>	A.	<i>Hyde Park hs.</i>	Chicago

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Kellogg, Ruth Marion, <i>a w sp</i>	A.	Manual Training hs., Indianapolis, Ind.	Indianapolis, Ind.
Kellogg, Walter Simpson, <i>sp</i>	P.	Hyde Park hs.	Chicago
Kelly, Hazel Dell, <i>w</i>	L.	Lewis inst.	Chicago
Kelso, Winifred Margaret, <i>a w sp</i>	L.	Terre Haute hs.	Terre Haute, Ind.
Kennedy, Dean Madison, <i>w sp</i>	P.	Madison, S. Dak., hs.	Madison, S. D.
Kenney, Mary Lillian, <i>a w sp</i>	S.	St. Xavier a.	Chicago
Kent, Arnold McEwen, <i>s</i>	L.	Iowa c.	Rolfe, Ia.
Kephart, Waunetah Beigh, <i>a w sp</i>	L.	Englewood hs.	Chicago
Kiper, Florence, <i>a w</i>	L.	Hyde Park hs.	Chicago
Kirk, Alexander Comstock, <i>a w sp</i>	A.	Caulter's University.	Chicago
Kixmiller, William, <i>a w sp</i>	P.	Vincennes hs.	Vincennes, Ind.
Kleiminger, Adelaide Elizabeth, <i>a w sp</i>	S.	Hyde Park hs.	Chicago
Klein, Floyd Alvah, <i>a w</i>	S.	Ft. Scott hs.	Ft. Scott, Kan.
Kline, Edna Anita, <i>w sp</i>	L.	Susquehanna u.	Liverpool, Pa.
Klock, Harold Francis, <i>a w sp</i>	S.	Oak Park hs.	River Forest
Klumph, Inez Lenore, <i>a w sp</i>	L.	University hs.	Chicago
Knickerbocker, Audra Winona, <i>a w sp</i>	A.	Mt. Vernon hs.	Chicago
Kobak, Disraeli, <i>s a w sp</i>	S.	Lewis inst.	Chicago
Koenig, Lilly Hattie, <i>a w sp</i>	A.	Lewiston hs.	Lewistown, Pa.
Kral, Bohumil, <i>a w sp</i>	L.	Joseph Medill hs.	Chicago
Kramer, Alvin Frederick, <i>s a w sp</i>	L.	South Division hs.	Chicago
Krausz, Alice Emma, <i>a</i>	L.	Hyde Park hs.	Chicago
Krog, Bernard Herman, <i>a w sp</i>	L.	Morgan Park a.	Platteville, Wis.
Krouskup, Walter Leroy, <i>a sp</i>	S.	University hs.	Chicago
Krueger, Jean, <i>a w sp</i>	S.	Oak Park hs.	River Forest
Krueger, Nathan Louis, <i>a w sp</i>	P.	Northwestern u., Law Dept.	Chicago
Kyle, Hilda Millicent, <i>a</i>	L.	Calumet hs.	Chicago
Lacey, Mabel, <i>a w</i>	L.	Columbus Junction hs.	Columbus Junction, Ia.
Lackersteen, Mary Ethel, <i>a w sp</i>	L.	Hillside Home, Wis., s.	Chicago
Lackland, William Tryner, <i>a</i>	A.	Ohio Wesleyan u.	Chicago
Lake, Arthur Crawford, <i>a w sp</i>	P.	Osage City, Kans., hs.	Osage City, Kan.
Lane, Jeannette Barry, <i>a w sp</i>	L.	Leavenworth, Kans., hs.	Elmwood
Lang, Bertha Elizabeth, <i>a w sp</i>	S.	Louisville Girls' hs.	Louisville, Ky.
Langston, Horace Ayres, <i>a w sp</i>	S.	Oak Park hs.	Oak Park
Larrick, Artie Richard, <i>a</i>	S.	Grand Island c.	Bladen, Neb.
Larson, Elfrida Marie Catherina, <i>a w</i>	S.	Rock Island hs.	Rock Island
Larson, Lester LaMont, <i>a w sp</i>	P.	West Aurora hs.	Aurora
Lasecki, Thomas Thaddeus, <i>s</i>	A.	Northwestern u.	Chicago
Lasker, Loula Davis, <i>a w sp</i>	L.	Galveston, Tex., Ball hs.	Galveston, Tex.
Latchem, Charles Earl, <i>a</i>	A.	Morgan Park a.	Washington, Ia.
Latchem, Raymond Lee, <i>a w sp</i>	S.	Morgan Park a.	Washington, Ia.
Launer, June Glathart, <i>a</i>	L.	Southern Illinois Normal s.	Olney
Lauren, Anna Emilia, <i>a w sp</i>	L.	Hyde Park hs.	Chicago
Law, George Warrington, <i>a w sp</i>	P.	University hs.	Chicago
Leavitt, Florence Belle, <i>w sp</i>	L.	Hyde Park hs.	Chicago
Lee, John Yiu-Bong, <i>s a w sp</i>	S.	Morgan Park a.	San Francisco, Cal.
Leigh, Fountain Pierce, <i>a w sp</i>	L.	Du Quoin hs.	Du Quoin
Lennes, Gertrude, <i>s a w sp</i>	S.	John Marshall hs.	Chicago

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NAME	COLLEGE	PREVIOUS INSTITUTION	HOME ADDRESS
Lennon, Mary, <i>a w sp</i>	L.	Sioux City hs.	Sioux City, Ia.
Leonard, Clara Beatrice, <i>a w sp</i>	L.	South Bend hs.	South Bend, Ind.
Le Vally, George Simpson, <i>a w sp</i>	A.	Harvard s.	Chicago
Levitin, Sophia Vera, <i>a w sp</i>	L.	Robert A. Waller hs.	Chicago
Leviton, Charles, <i>a w sp</i>	L.	Joseph Medill hs.	Chicago
Leviton, Max Benjamin, <i>s</i>	S.	Joseph Medill hs.	Chicago
Lewinsky, Philip, <i>a w sp</i>	S.	Lake hs.	Chicago
Lewis, Edward James, <i>s</i>	S.	West Division hs.	Milwaukee, Wis.
Lewis, Ewing Bedell, <i>w sp</i>	A.	Evansville hs.	Evansville, Ind.
Lewis, John William, <i>a w</i>	S.	Wayne, Neb., hs.	Wayne, Neb.
Lightner, DeWitt Brewster, <i>a w sp</i>	A.	St Louis hs.	Birmingham, Ala.
Lines, Arnett Charles, <i>a w sp</i>	P.	Maine Township hs.	Barrington
Lingle, Samuel Esleeck, <i>sp</i>	S.	University hs.	Chicago
Lockett, Harold, <i>a w sp</i>	S.	Harvard s.	Chicago
Lockhart, Eloise, <i>a w</i>	L.	Hyde Park hs.	Chicago
Lockwood, Stephanie Vervait, <i>s</i>	L.	Brussels, Belgium, hs.	Chicago
Loomer, Archie Sturgis, <i>a w sp</i>	S.	Benton Harbor hs.	Benton Harbor, Mich.
Lorenz, Frederick Ayres, <i>a</i>	S.	Hyde Park hs.	Chicago
Loose, Lyman Trowbridge, <i>a w</i>	P.	South Side a.	Napoleon, O.
Lough, Susan Madeline, <i>a w</i>	L.	Private Study	Chicago
Ludwig, Hulda Rose, <i>a w sp</i>	L.	Leadville, Colo., hs.	Leadville, Colo.
Lusky, Herbert Otto, <i>a w sp</i>	S.	Ottawa hs.	Ottawa
Lyman, Lula Bosley, <i>a w sp</i>	A.	Hyde Park hs.	Chicago
Lynch, Clara Margaret, <i>a w sp</i>	L.	Birmingham, Ala., hs.	Birmingham, Ala.
Lyons, Mary Elizabeth, <i>a w sp</i>	A.	St. James hs.	Chicago
Maddigan, Roy, <i>w sp</i>	P.	Englewood hs.	Chicago
Mahany, Eleanor Morrison, <i>s</i>	A.	Englewood hs.	Chicago
Maher, Susie Utstick, <i>w sp</i>	L.	Englewood hs.	Chicago
Manheimer, Arthur Emanuel, <i>a w sp</i>	P.	Armour a.	Chicago
Mannhardt, Meta Clementine, <i>sp</i>	L.	Unclassified s. (u. of Chicago)	Chicago
Mannheimer, Helen Frances, <i>a</i>	L.	Loring s.	Chicago
Manning, Florence Leland, <i>a w sp</i>	L.	Wendell Phillips hs.	Chicago
Markham, Herbert Ira, <i>s a w</i>	P.	Steele, Dayton, O., hs.	Scranton, Pa.
Markley, Edith Warfel, <i>a</i>	L.	Danville hs.	Danville
Markley, Elizabeth Ross, <i>a w sp</i>	L.	Danville hs.	Danville
Marks, Marguerite Ellen, <i>a w sp</i>	L.	Hyde Park hs.	Chicago
Marks, William, <i>sp</i>	S.	Lawrence u.	Fennimore, Wis.
Marston, Hattie, <i>s</i>	L.	u. of Missouri	Cape Girardeau, Mo.
Martin, Charles Chester, <i>w</i>	L.	Lewis inst.	Chicago
Mason, Arthur John, Jr., <i>sp</i>	A.	University hs.	Chicago
Mason, Curtis Eugene, <i>s a w sp</i>	S.	University hs.	Sweet Springs, Mo.
Mason, Norman Clifford, <i>a</i>	L.		Highland Park
Masters, Joseph Gallo, <i>s</i>	S.	Kansas State Normal	Newton, Kan.
Mather, Kirtley Fletcher, <i>w sp</i>	P.	South Chicago hs.	Chicago
Mathews, Abe, Jr., <i>a w sp</i>	S.	Marquette Mich., hs.	Marquette, Mich.
Mathews, Robert Eddy, <i>a w</i>	P.	Marquette hs.	Marquette, Mich.
Meador, MacElmer, <i>a w sp</i>	L.	Goshen hs.	Goshen, Ind.
Meador, John Ernest Dolan, <i>a w sp</i>	L.	Culver Military a	Atchison, Kan.
Meagher, Harvey Edward, <i>a sp</i>	A.	Harvard s.	Chicago

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Meany, Daniel E., <i>sp</i>	<i>S.</i>	<i>St. Ignatius c.</i>	Chicago
Mefford, Harry L., <i>a w sp</i>	<i>P.</i>	<i>Morgan Park a.</i>	Robinson
Mendelssohn, Henry, <i>sp</i>	<i>S.</i>	<i>North West Division hs.</i>	Chicago
Merker, Loisel Walton, <i>a w sp</i>	<i>L.</i>	<i>Forest Park u.</i>	Belleville
Merriam, Lela, <i>a w</i>	<i>L.</i>	<i>Wayland a.</i>	Lake Geneva, Wis.
Merriam, Noah Alvin, <i>a w sp</i>	<i>P.</i>	<i>Wayland a.</i>	Lake Geneva, Wis.
Merrill, Paul Ellis, <i>sp</i>	<i>P.</i>	<i>Shortridge hs.</i>	Indianapolis, Ind.
Merrill, Walter John, <i>a w sp</i>	<i>P.</i>	<i>Englewood hs.</i>	Davenport, Ia.
Meyer, Adeline, <i>a w</i>	<i>L.</i>	<i>Kahoka, Mo. hs.</i>	Kahoka, Mo.
Meyer, Michael Israel, <i>s a w</i>	<i>S.</i>	<i>Joseph Medill hs.</i>	Chicago
Meyer, Myrtle Louise, <i>a w sp</i>	<i>L.</i>	<i>Kahoka, Mo., hs.</i>	Kahoka, Mo.
Miller, Blendena Alice, <i>a w sp</i>	<i>L.</i>	<i>Momence hs.</i>	Momence
Miller, Helen Dorothea, <i>a</i>	<i>L.</i>	<i>South Chicago hs.</i>	Chicago
Miller, Thomas S., <i>a w sp</i>	<i>P.</i>	<i>Morgan Park a.</i>	Washington, Ia.
Milla, Grace, <i>a w</i>	<i>S.</i>	<i>Manual Training s.</i>	Mena, Ark.
Milne, Marion Wallace, <i>a</i>	<i>L.</i>	<i>Hyde Park hs.</i>	Wheaton
Miner, Elizabeth, <i>a w</i>	<i>S.</i>	<i>Cedar Rapids hs.</i>	Cedar Rapids, Ia.
Minter, Roberta, <i>a</i>	<i>L.</i>	<i>La Belle hs.</i>	La Belle, Mo.
Minton, Orlena Marian, <i>a w sp</i>	<i>L.</i>	<i>Sheridan, Ind., hs.</i>	Sheridan, Ind.
Misner, William Rummell, <i>a w sp</i>	<i>P.</i>	<i>Geneseo hs.</i>	Geneseo
Mitchell, Walter Gore, <i>a w sp</i>	<i>P.</i>	<i>Hyde Park hs.</i>	Chicago
Moffat, Walter Gordon, <i>a w sp</i>	<i>A.</i>	<i>Grand Rapids hs.</i>	Grand Rapids, Mich.
Montgomery, Anna M., <i>a w sp</i>	<i>L.</i>	<i>Iowa State Normal s.</i>	Larrabee, Ia.
Moody, Adelbert Montague, <i>a sp</i>	<i>S.</i>	<i>Stanford u.</i>	The Dalles, Ore.
Moody, Oma Margaret, <i>a w sp</i>	<i>A.</i>	<i>Hyde Park hs.</i>	Chicago
*Moore, Edith, <i>a sp</i>	<i>L.</i>	<i>Kansas State Normal</i>	Chicago
Moore, Homer Frank, <i>a w sp</i>	<i>S.</i>	<i>Rockford hs.</i>	Rockford
Moore, Minnie Eleanor, <i>a w sp</i>	<i>L.</i>	<i>Hyde Park hs.</i>	Chicago
Moran, Anna Florence, <i>s a</i>	<i>L.</i>	<i>Lake hs.</i>	Chicago
Morgan, Doris, <i>a w sp</i>	<i>A.</i>	<i>Hyde Park hs.</i>	Chicago
Morrison, Elizabeth Simpson, <i>s</i>	<i>L.</i>	<i>Calumet hs.</i>	Chicago
Morrison, Walter Stuart, <i>a w sp</i>	<i>L.</i>	<i>Ennis, Tex., hs.</i>	Ennis, Tex.
Morse, Walter Hiram, <i>a w sp</i>	<i>P.</i>	<i>Hyde Park hs.</i>	Chicago
*Morton, Mary Reynolds, <i>a sp</i>	<i>L.</i>	<i>Kenwood inst.</i>	Chicago
Moser, Paul, <i>a</i>	<i>P.</i>	<i>South Division hs.</i>	Chicago
Mosher, Daisy Mae, <i>s</i>	<i>A.</i>	<i>Lake View hs.</i>	Chicago
Moulds, John Fryer, <i>a w</i>	<i>L.</i>	<i>Pontiac hs.</i>	Pontiac
Movitz, Lena Rosella, <i>a w sp</i>	<i>L.</i>	<i>Ashland, Wis., hs.</i>	Chicago
Moynihan, Mary Josephine, <i>a w sp</i>	<i>L.</i>	<i>Robert A. Waller hs.</i>	Chicago
Mullan, H. Harvey, <i>a</i>	<i>A.</i>	<i>Knox c.</i>	Mesa City, Ariz.
Munson, Louis Manning, <i>a w sp</i>	<i>S.</i>	<i>Mendota West hs.</i>	Mendota
Murrah, Frank Clay, <i>a w sp</i>	<i>S.</i>	<i>Shurtleff a.</i>	Creal Springs
Murrell, Gertrude Farr, <i>a w</i>	<i>L.</i>	<i>Hyde Park hs.</i>	Chicago
McBride, Edward Leydon, <i>a w sp</i>	<i>A.</i>	<i>Hyde Park hs.</i>	Chicago
McBride, Irene G., <i>a w sp</i>	<i>L.</i>	<i>Hyde Park hs.</i>	Chicago
McCarthy, Anne Belle, <i>a w sp</i>	<i>L.</i>	<i>Dubuque, Ia., hs.</i>	Dubuque, Ia.
McCarthy, James Roache, <i>s a w sp</i>	<i>P.</i>	<i>Le Mars c.</i>	Le Mars, Ia.
McCarthy, Peter Hayes, <i>a w sp</i>	<i>S.</i>	<i>Dubuque hs.</i>	Dubuque, Ia.
MacComas, Margaret Loyola, <i>s</i>	<i>L.</i>	<i>Indiana u.</i>	Covington, Ind.

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MacCracken, William Patterson, Jr., <i>a w sp</i>	P.	University hs.	Chicago
McCreery, Theodore Daniel, <i>a w sp</i>	P.	Armour a.	Chicago
McDermid, William Albert, <i>a w sp</i>	P.	Hyde Park hs.	Chicago
Macdonald, Augusta Elizabeth, <i>sp</i>	L.	Ossining s., New York	Chicago
McDonald, Mary Terry, <i>s</i>	A.	Arkansas Cumberland c.	Fort Smith, Ark.
McEldowney, Melville, <i>a w sp</i>	S.	Englewood hs.	Chicago
McGeoghegan, John William, <i>a w</i>	L.	Lake hs.	Chicago
McGowan, George Edward, <i>a</i>	P.	Northwestern u.	Chicago
McGuire, Lillian Catherine, <i>sp</i>	L.	South Chicago hs.	Chicago
Mac Henry, Ruth Joana, <i>s</i>	L.	Moline hs.	Moline
McKee, Helen Edith, <i>a w sp</i>	L.	Hyde Park hs.	Chicago
McKellar, Ella Clare, <i>s</i>	A.	Furlaw hs.	Macon, Ga.
McKinney, Jessie Blanche, <i>a w</i>	L.	Englewood hs.	Chicago
McLean, Franklin Chambers, <i>a w sp</i>	S.	Maroa hs.	Maroa
McNally, Joseph Vincent, <i>s</i>	A.	Brockville, Ont., Collegiate inst.	Chicago
McPartlin, Wilfrid Katharine, <i>a w</i>	A.	Joliet Township hs.	Joliet
Nash, Madeline Culbertson, <i>a w sp</i>	L.	University hs.	Chicago
Nash, Margaret Arthara, <i>a w sp</i>	L.	University hs.	Chicago
Nathan, Walter Robert, <i>a w sp</i>	A.	Harvard s.	Chicago
Nevins, Richard, <i>a w sp</i>	P.	Deer Military a.	Chicago
Newberger, Charles, <i>s a</i>	S.	Joseph Medill hs.	Chicago
Newman, Avis Dorothy, <i>s</i>	L.	Superior State Normal s.	Superior, Wis.
Newman, Benjamin Franklin, <i>a w sp</i>	P.	Toledo Central hs.	Toledo, O.
Nichols, Katherine Alice, <i>a</i>	L.	Hyde Park hs.	Chicago
Nichols, Matae E., <i>a</i>	L.	Belvidere, hs.	Belvidere
Nixon, Lula Janet, <i>a w sp</i>	L.	Rockford c.	Chicago
Noll, Frederick William, <i>a w sp</i>	S.	Henry hs.	Henry
Northcott, Amy Allen, <i>s</i>	L.	Greenville c.	Springfield
Norton, Louise Chabrier, <i>a w</i>	L.	University hs.	Chicago
Nowak, Frances T., <i>a w sp</i>	P.	Mrs. Starrett's s.	Chicago
Nugent, Myra Halsted, <i>a w sp</i>	A.	Escañaba hs.	Escañaba, Mich.
Nunn, George Emra, <i>s</i>	S.	Davenport hs.	Davenport, Ia.
O'Brien, Irene Frances C., <i>a w sp</i>	S.	Hyde Park hs.	Chicago
O'Connell, Bessie Anthony, <i>a w sp</i>	L.	Englewood hs.	Chicago
O'Connor, John Joseph, <i>a w sp</i>	P.	Lake hs.	Chicago
Oldham, Florence Ruth, <i>w sp</i>	L.	Baker u.	Topeka, Kan.
Olds, William Henry, Jr., <i>sp</i>	S.	Spokane, Wash., hs.	Spokane, Wash.
O'Leary, Anna Josephine, <i>a</i>	L.	Unclassified s. (u. of Chicago)	Chicago
Oliver, Frances Estelle, <i>a</i>	L.	Hyde Park hs.	Chicago
O'Malley, Mary Frances, <i>a w sp</i>	L.	Mt. St. Joseph, Dubuque, Ia.	Chicago
Orahood, George Hurlbut, <i>s</i>	S.	Morgan Park a.	Denver, Colo.
Osgood, Edith Whitten, <i>a w sp</i>	L.	Hyde Park hs.	Chicago
Osman, Laura Tisdale, <i>a</i>	L.	Hyde Park hs.	Chicago
Ostrowski, Florian George, <i>a w</i>	S.	St. Stanislaus s.	Chicago
Ottenheimer, Alice Clare, <i>sp</i>	L.	Smith c.	Peoria
Paine, Gustavus Swift, <i>a w sp</i>	L.	Wendell Phillips hs.	Chicago
Palmer, Audrie May, <i>a w sp</i>	L.	Englewood hs.	Chicago
*Paradise, Viola Isabel, <i>a sp</i>	L.	Hyde Park hs.	Chicago
Parker, Elizabeth McNeil, <i>a w sp</i>	L.	u. of Colorado	Chicago

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Parker, Elsie Gertrude, <i>a w sp</i>	L.	John Marshall hs.	Chicago
Parker, Francis Warner, Jr., <i>a w</i>	S.	Morgan Park a.	Chicago
Parkinson, Stirling Bruce, <i>a</i>	P.	Chicago Latin s.	Chicago
Parry, Edwin Eugene, <i>a w sp</i>	P.	Oskaloosa, Ia., hs.	Givin, Ia.
Parshall, John Kinney, <i>s</i>	A.	Monmouth c.	Monmouth
Patterson, Perry Smythe, <i>a w sp</i>	S.	Englewood hs.	Chicago
Paul, Arthur, <i>a w sp</i>	S.	Cleveland hs.	Cleveland, O.
Paulson, Freda Ruth, <i>a w sp</i>	L.	Portland, Ore., hs.	Chicago
Payne, Mary R., <i>a w sp</i>	L.	Frances Shimer a.	Chrisman
Peabody, Marion Grace, <i>a w sp</i>	A.	Hyde Park hs.	Chicago
Peacock, William Roy, <i>a w sp</i>	L.	Hagerstown hs.	Jarvis, Ont.
Peck, Helen Fischer, <i>a w sp</i>	L.	Dearborn sem.	Chicago
Peeke, Hazel Dorothy, <i>a w sp</i>	L.	South Division hs.	Chicago
Peet, Dorma Vivian, <i>a w sp</i>	L.	Lewis inst.	Chicago
Pelletier, Mary Louise, <i>a</i>	L.	St. Gabriel's hs.	Chicago
Pennell, Mabel Lansdale, <i>a</i>	S.	Kenwood inst.	Fremont, O.
Penney, Raymond Deforest, <i>s a w sp</i>	L.	Upper Iowa u.	Stacyville, Ia.
Perlstein, Ida, <i>a w sp</i>	L.	Wendell Phillips hs.	Chicago
Perrill, Irving, <i>a w sp</i>	S.	Lewis inst.	Chicago
Perry, Charles Anson, <i>a w sp</i>	S.	Wheaton hs.	West Chicago
Perry, Hunter Carlisle, <i>s a w sp</i>	P.	Virginia Polytechnic inst.	Roanoke, Va.
Persons, Marie Louise, <i>a w sp</i>	L.	a. of Our Lady	Ishpeming, Mich.
Petersen, William Ferd, <i>a w sp</i>	S.	Armour a.	Chicago
Pettet, Eswald, <i>s</i>	P.	Englewood hs.	Chicago
Pettitt, Leonard Agnew, <i>a w</i>	S.	Oskaloosa, Ia., hs.	Oskaloosa, Ia.
Pfeiffer, George Stacey, <i>a w</i>	P.	R. T. Crane Manual Training s.	Chicago
Pfeiffer, Norma Etta, <i>a w sp</i>	S.	Lake hs.	Chicago
Pianta, Catherine Rosalie, <i>a w sp</i>	L.	Englewood hs.	Chicago
Pierrot, Adolph George, <i>a w</i>	P.	Englewood hs.	Chicago
*Pincoffs, Maurice Charles, Jr., <i>a sp</i>	S.	a. of Northwestern u.	Chicago
Pinkerton, Paul Whittier, <i>a w sp</i>	A.	Morgan Park a.	Chicago
Pitkin, Mary Adelaide, <i>a w sp</i>	S.	South Division hs.	Chicago
Planer, Max, <i>w</i>	P.	Lake hs.	Chicago
Pollock, Loyd Roy, <i>a w sp</i>	S.	Princeton hs.	Rocky Ford, Colo.
Pomeroy, Robert Bruce, <i>a w sp</i>	L.	Toledo Central hs.	Toledo, O.
Pond, Walter Shoemaker, <i>a w sp</i>	A.	Shattuck s.	Chicago
Pool, Clarence Gilbert, <i>s a</i>	S.	University hs.	Amboy
Porter, Ruth Mary, <i>a w sp</i>	L.	Hyde Park hs.	Chicago
Post, Maude Omsted, <i>a w sp</i>	L.	Hyde Park hs.	Chicago
Powel, Edith Adaline, <i>a w sp</i>	L.	Hyde Park hs.	Chicago
Prendergast, Florence Marguerite, <i>sp</i>	L.	McGill u.	Montreal, Can.
Preston, Blanche Whitney, <i>a w sp</i>	L.	Hyde Park hs.	Chicago
Preston, Ethel, <i>a w sp</i>	A.	Wendell Phillips hs.	Chicago
Price, Clarence Virgil, <i>a w sp</i>	P.	Flora hs.	Flora
Price, Grace Marie, <i>w sp</i>	L.	University hs.	Chicago
Price, Maurice Thomas, <i>a w sp</i>	A.	Morgan Park a.	Morgan Park
Princell, Paul Peter, <i>a w sp</i>	A.	Northwestern a.	Chicago
Pudil, Mary Alice, <i>s</i>	L.	Cedar Rapids hs.	Cedar Rapids, Ia.
Puetz, Edith Carlyle, <i>a w sp</i>	L.	Hinsdale hs.	Hinsdale

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Putman, Lila Mae, <i>a w sp</i>	L.	Hoopston hs.	Hoopston
Quantrell, Ernest Eugene, <i>s</i>	P.	North Division hs.	Chicago
Quigley, Raymond Leamore, <i>a w sp</i>	S.	Rushville hs.	Princeton
Quin, Anna Margaret, <i>a w</i>	L.	John Marshall hs.	Chicago
Quinn, Rosemary, <i>a w sp</i>	L.	Bernard hs.	Chicago
Raffle, Sinore Muzaffar, <i>a w sp</i>	S.	u. of the Shah, Teheran, Persia	Kashan, Persia
Raichlen, Mabel, <i>a w sp</i>	L.	Hyde Park hs.	Chicago
Rainey, Warren Robert, <i>a sp</i>	S.	Salem hs.	Salem
Ransom, James Burtis, <i>a w sp</i>	S.	University hs.	Marquette, Mich.
Rathke, Walter Robert, <i>s a</i>	A.	Northwest Division hs.	Chicago
Reed, Isa Lola, <i>s</i>	S.	Pueblo Centennial hs.	Pueblo, Colo.
Reeder, Louis, <i>s</i>	S.	Chicago Normal s.	Chicago
Rees, John Harrison, Jr., <i>a w</i>	A.	Vanderbilt u.	Fayetteville, Tenn.
Reese, Anna Laura, <i>a w</i>	L.	University hs.	Chicago
Reichmann, Joseph Lorenz, <i>a</i>	P.	John Marshall hs.	Chicago
Reichmann, Julia, <i>a w sp</i>	L.	Hyde Park hs.	Chicago
Reider, Edith Shope, <i>sp</i>	L.	Unclassified s. (u. of Chicago)	Williamsport, Pa.
Reinach, Blanche Sarah, <i>a</i>	L.	South Division hs.	Chicago
Reinach, Elsie, <i>a w sp</i>	L.	u. of Illinois	Chicago
Resnick, Irving J., <i>a w sp</i>	P.	Northwest Division hs.	Chicago
Reynolds, Azile Belle, <i>a</i>	L.	Baird (Clinton, Mo.) c.	Chicago
Rice, Caroline Montgomery, <i>s</i>	L.	Smith c.	Peoria
Rice, Edith Sergeant, <i>a w sp</i>	L.	St. Joseph's (Kankakee) sem.	Chicago
Rice, Hazel Vivian, <i>a w sp</i>	L.	Waterman Hall	Chicago
Rice, Vera, <i>a w sp</i>	A.	Waterman Hall	Chicago
Richards, Marcus Dimitt, <i>a w sp</i>	P.	University hs.	Chicago
Richards, Max Lewis, <i>a w sp</i>	P.	University hs.	Manson, Ia.
Richards, Olin Lewis, <i>a w sp</i>	S.	Calumet hs.	Chicago
Richardson, Edith Marion, <i>a w sp</i>	L.	Englewood hs.	Chicago
Richardson, Harriet Lillian, <i>a</i>	S.	Englewood hs.	Chicago
Richmond, Gertrude McNutt, <i>a w sp</i>	L.	Sauk Center hs.	St. Cloud, Minn.
Ricker, Althea Mae, <i>a w</i>	S.	East Aurora hs.	Aurora
Ringer, William Grubb, <i>a sp</i>	S.	Englewood hs.	Chicago
Riordan, Mary Catharine, <i>a w sp</i>	L.	St. Patrick's a.	Austin
Rizer, Robert Inskip, <i>w</i>	S.	c. of Physicians and Surgeons	Chicago
Robbins, Harland C., <i>a w sp</i>	P.		Cedar Rapids, Ia.
Roberts, Helen E. M., <i>a</i>	A.	Hyde Park hs.	Chicago
Robertson, Elizabeth Gregory, <i>s a w sp</i>	L.		Chicago
Robertson, Ruth, <i>w sp</i>	L.	University hs.	Zanesville, O.
Robinson, Alice Chase, <i>a w sp</i>	L.	Englewood hs.	Chicago
Robinson, Clara, <i>a w sp</i>	L.	Springfield hs.	Springfield
Rochlitz, Lucille, <i>a</i>	A.	Northwest Division hs.	Chicago
Roe, Clara Strong, <i>a w sp</i>	L.	Quincy hs.	Quincy
Roe, Jeanne Marie, <i>a w sp</i>	A.	Fort Worth hs.	Fort Worth, Tex.
Rogers, Wilbur, <i>a w sp</i>	S.	Lawrence (Kan.) hs.	Ransom, Kan.
Rohde, Max, <i>s a w sp</i>	S.	South Side a.	Chicago
Roney, Henry Ruell, <i>a w sp</i>	P.	Burlington (Ia.) hs.	Burlington, Ia.
Root, Royal Pulsifer, <i>a w sp</i>	P.	University hs.	New York City
Rose, Max Donald, <i>s</i>	S.	Decatur (Mich.) hs.	Decatur, Mich.

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NAME	COLLEGE	PREVIOUS INSTITUTION	HOME ADDRESS
Rosencranz, Gertrude, <i>a w sp</i>	L.	Evansville (Ind.) <i>hs.</i>	Evansville, Ind.
Rowe, Cole Yates, <i>a w sp</i>	L.	Morgan Park <i>a.</i>	Jacksonville,
Rowley, Randall Adams, <i>s a w</i>	S.	Morgan Park <i>a.</i>	Chicago
Rubinkam, Nathaniel, Jr., <i>a w</i>	S.	Städtisches Gymnasium, Bonn, Germany	Chicago
Rubovita, Theodore, <i>a w sp</i>	P.	Hyde Park <i>hs.</i>	Chicago
Rudd, Helen Massey, <i>a w sp</i>	L.	Blue Island <i>hs.</i>	Blue Island
Rudolph, Charlotte, <i>a w</i>	L.	University <i>hs.</i>	Highland Park
Rudolph, Joe, <i>w sp</i>	L.	Crown Point (Ind.) <i>hs.</i>	Crown Point, Ind.
Ruffcorn, Frank Edwin, <i>a w</i>	A.	Ashland (O.) <i>hs.</i>	Ashland, O.
Ruffcorn, William Miller, <i>s a w</i>	P.	Drake <i>u.</i>	Chicago
Rumsey, Richard Downing, <i>a w sp</i>	P.	Lake Forest <i>c.</i>	Lake Forest
Russell, Clarence, <i>a w sp</i>	S.	Oskaloosa (Ia.) <i>hs.</i>	Oskaloosa, Ia.
Russum, Sarah Elizabeth, <i>s a w sp</i>	L.	u. of Missouri	Carthage, Mo.
Salinger, Leo P., <i>a</i>	S.	Armour <i>a.</i>	Chicago
Sander, Grace Frances, <i>s</i>	L.	East Des Moines <i>hs.</i>	Des Moines, Ia.
Sanderson, Thomas Harvey, <i>s a w</i>	L.	Wayland <i>a.</i>	Cambria, Wis.
Sansum, William David, <i>s</i>	P.	State Normal (Stevens Point, Wis.)	Baraboo, Wis.
Satterthwait, Ella, <i>a w</i>	L.	Hyde Park <i>hs.</i>	Chicago
Sauerhering, Rudolph Leopold, <i>s</i>	L.	Oshkosh Normal <i>s.</i>	Mayville, Wis.
Savage, Loy Jasmine, <i>a w sp</i>	L.	Dallas (Tex.) <i>hs.</i>	Dallas, Tex.
Savidge, Robert Whitlock, <i>a w sp</i>	A.	Omaha (Neb.) <i>hs.</i>	Omaha, Neb.
Scanlan, Marguerite, <i>a w</i>	L.	Hyde Park <i>hs.</i>	Chicago
Schnaffner, Marion, <i>sp</i>	L.	University <i>hs.</i>	Chicago
Schilling, Alice Marion, <i>s</i>	L.	Lyons Township <i>hs.</i>	LaGrange
Schlabach, Harold Henry, <i>a w sp</i>	P.	University <i>hs.</i>	DeWitt, Ia.
Schmidt, Bertha Amalia, <i>a w sp</i>	S.	Armour <i>inst.</i>	Chicago
*Schmidt, Dorothy Charlotte, <i>sp</i>	S.	Unclassified <i>s.</i> (u. of Chicago)	Chicago
Schmidt, Edna Verena, <i>a</i>	S.	South Division <i>hs.</i>	Chicago
Schmidt, Emily Amanda, <i>a w sp</i>	L.	Hyde Park <i>hs.</i>	Chicago
Schmidt, Fred Edward, <i>s</i>	L.	State Normal (Madison, S. D.) <i>u.</i>	Spencer, S. D.
Schobinger, Elsie, <i>a w sp</i>	A.	Morgan Park <i>hs.</i>	Morgan Park
Schofield, Claude, <i>a w</i>	L.	Morgan Park <i>a.</i>	El Paso
Scholes, William John, <i>a w sp</i>	S.	Northwestern <i>a.</i>	Chicago
Schoonover, Tom Richard, <i>w sp</i>	S.	St. Mary's <i>hs.</i>	St. Marys, O.
Schott, Charles, <i>a</i>	S.	Robert A. Waller <i>hs.</i>	Chicago
Schott, Harry Johnson, <i>a w sp</i>	S.	Sioux City <i>hs.</i>	Sioux City, Ia.
Schruth, John Lewis, <i>a w sp</i>	S.	Fargo (N. D.) <i>hs.</i>	Fargo, N. D.
Schultz, Eva Gertrude, <i>a</i>	L.	Thornton Township <i>hs.</i>	Harvey
Schwartz, Charles Phineas, <i>a w sp</i>	P.	Norway (Mich.) <i>hs.</i>	Norway, Mich.
Scott, Ernestine Mary, <i>a w sp</i>	L.	Hyde Park <i>hs.</i>	Chicago
Scott, Mildred, <i>a w sp</i>	L.	Wells <i>c.</i>	Aurora
Seaman, Meyer, <i>a</i>	S.	South Bend (Ind.) <i>hs.</i>	Chicago
Sedgwick, Ray Hamilton, <i>a</i>	S.	Northwestern <i>u.</i>	Sandwich
Seger, John Parker, <i>w sp</i>	S.	St. Ignatius <i>c.</i>	Chicago
Seiler, Raymond Alva, <i>s a</i>	S.	Clinton (Ia.) <i>hs.</i>	Clinton, Ia.
Seitz, Rose Josephine, <i>a w sp</i>	L.	Wendell Phillips <i>hs.</i>	Chicago
Shaffner, Philip Frank, <i>a</i>	S.	Armour <i>a.</i>	Chicago
Shantz, John Henry, <i>a w sp</i>	P.	Bloomington <i>hs.</i>	Bloomington

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Shapiro, Many Zachary, <i>a w sp</i>	<i>S.</i>	<i>Eveleth hs.</i>	Eveleth, Minn.
Sharp, India Ethelyn <i>sp</i>	<i>L.</i>	<i>Englewood hs.</i>	Chicago
Shaw, Herschel Gaston, <i>a w sp</i>	<i>P.</i>	<i>Morgan Park a.</i>	Chicago
Shaw, Horace Burnham, <i>a</i>	<i>P.</i>	<i>Paxton (Ill.) hs.</i>	Paxton
Shay, George Thomas, <i>a w sp</i>	<i>L.</i>	<i>Chicago Latin s.</i>	Chicago
Shepherd, Howard Franklin, <i>a w sp</i>	<i>P.</i>	<i>Morgan Park a.</i>	Colorado Springs, Colo.
Sherer, Renslow Parker, <i>a w sp</i>	<i>S.</i>	<i>University hs.</i>	Chicago
Sherwood, Ethelinda, <i>a</i>	<i>L.</i>	<i>Dearborn sem.</i>	Chicago
Shipley, John Lambert, <i>a w sp</i>	<i>L.</i>	<i>East Des Moines (Ia.) hs.</i>	Des Moines, Ia.
Shipman, William Herbert, <i>a w</i>	<i>A.</i>	<i>South Division hs.</i>	Chicago
Short, Eunice Hopkins, <i>a w sp</i>	<i>L.</i>	<i>Morgan Park hs.</i>	Morgan Park
Short, Julia Dawson, <i>a w</i>	<i>A.</i>	<i>Englewood hs.</i>	Chicago
Shuart, Karl Park, <i>a w sp</i>	<i>L.</i>	<i>Honeoye Falls hs.</i>	Honeoye Falls, N. Y.
Sights, Warren Preston, <i>a w sp</i>	<i>S.</i>	<i>Paducah (Ky.) hs.</i>	Paducah, Ky.
Silberstein, Isaac, <i>a w sp</i>	<i>P.</i>	<i>Denver East Side hs.</i>	Denver, Colo.
Simon, Mamie, <i>a w sp</i>	<i>L.</i>	<i>John Marshall hs.</i>	Chicago
Simpson, Margaret McNeill, <i>w sp</i>	<i>L.</i>	<i>Frances Shimer a.</i>	Morgan Park
Simpson, Tracy Whittlesey, <i>a w sp</i>	<i>S.</i>	<i>Hyde Park hs.</i>	Chicago
Skinner, Beryl Ada, <i>a w</i>	<i>L.</i>	<i>Elgin hs.</i>	Elgin
Skinner, Josef Taylor, <i>sp</i>	<i>P.</i>	<i>Princeton hs.</i>	Princeton
Skora, Nathalie Helen, <i>s</i>	<i>L.</i>	<i>West Division hs.</i>	Chicago
Smallwood, Persis Dorothy, <i>a w sp</i>	<i>S.</i>	<i>Warsaw (N. Y.) hs.</i>	Warsaw, N. Y.
Smith, Albert Arthur, <i>w sp</i>	<i>A.</i>	<i>Morgan Park a.</i>	Beaulieu, N. D.
Smith, Earle Scott, <i>w sp</i>	<i>S.</i>	<i>University hs.</i>	Chicago
Smith, Edward Eggleston, <i>a</i>	<i>S.</i>	<i>Sioux City hs.</i>	Sioux City, Ia.
Smith, Elize Miles, <i>s</i>	<i>L.</i>	<i>Southwestern u.</i>	Georgetown, Tex.
Smith, Eudora Keziah, <i>a sp</i>	<i>L.</i>	<i>Mrs. Starret's s., for Girls</i>	Chicago
Smith, George Alexander, <i>a w</i>	<i>P.</i>	<i>Superior hs.</i>	Chicago
Smith, James Middleton, <i>w sp</i>	<i>A.</i>	<i>University hs.</i>	Winchester, Tenn.
Smith, Lucy Ellen, <i>s</i>	<i>L.</i>	<i>Washington u.</i>	St. Louis, Mo.
Smith, Mary Edith, <i>a w</i>	<i>L.</i>	<i>Morgan Park hs.</i>	Benton Harbor, Mich.
Smith, Villa Bartlett, <i>a w sp</i>	<i>S.</i>	<i>Elgin hs.</i>	Elgin
Snite, Fred Bernard, <i>a w sp</i>	<i>S.</i>	<i>Lewis inst.</i>	Chicago
Solomon, Jessie Irene, <i>s a w</i>	<i>L.</i>	<i>Hartford City, Ind., hs.</i>	Chicago
Sorlin, Oswald, <i>sp</i>	<i>P.</i>	<i>Northwestern u.</i>	Chicago
Spence, Charles Harrison, <i>a w sp</i>	<i>P.</i>	<i>Springfield hs.</i>	Springfield
Spitz, Leo, <i>a w sp</i>	<i>P.</i>	<i>South Division hs.</i>	Chicago
Spohn, Addie Albertina, <i>s a w sp</i>	<i>S.</i>	<i>Robert A. Waller hs.</i>	Chicago
Spratt, John Sidney, <i>a w sp</i>	<i>P.</i>	<i>Galena hs.</i>	Galena
Stackhouse, Clyde Ernest, <i>a w sp</i>	<i>S.</i>	<i>Englewood hs.</i>	Chicago
Staehling, Charles Christian, <i>a w sp</i>	<i>L.</i>	<i>Kankakee hs.</i>	Danforth
Staiger, Maude Emma, <i>a w sp</i>	<i>L.</i>	<i>Michigan City hs.</i>	Michigan City, Ind.
Staley, Irma, <i>a w sp</i>	<i>S.</i>	<i>Hyde Park hs.</i>	Chicago
Stanley, Court Rogers, <i>a w sp</i>	<i>S.</i>	<i>Nebraska u.</i>	Chicago
Stark, Oswald George, <i>a w sp</i>	<i>S.</i>	<i>Davenport hs.</i>	Davenport, Ia.
Starr, Leon Parley, <i>a w sp</i>	<i>S.</i>	<i>Hyde Park hs.</i>	Chicago
Stebbins, Inca Lucile, <i>a w sp</i>	<i>L.</i>	<i>Topeka, Kan., hs.</i>	Chicago
Steffen, Walter Peter, <i>a w sp</i>	<i>P.</i>	<i>North Division hs.</i>	Chicago
Stein, Margarete Louise, <i>s a w sp</i>	<i>L.</i>	<i>Richmond, Ind., hs.</i>	Richmond, Ind.

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Steinberg, Sol Alexander, <i>a w sp</i>	L.	Louisville Male hs.	Louisville, Ky.
Stephens, John Randolph, <i>a</i>	P.	Jefferson hs.	Chicago
Stephenson, Joseph Clarke, <i>a w sp</i>	S.	Sheridan, Ind., hs.	Sheridan, Ind.
Stern, Oscar David, <i>a w sp</i>	P.	Joseph Medill hs.	Chicago
Stevens, Karra Scott, <i>a w sp</i>	L.	John Marshall hs.	Chicago
Stevenson, Nora Belle, <i>s a w sp</i>	L.	Lake View hs.	Chicago
Stewart, Earl Isaac, <i>a w sp</i>	L.	Sioux City hs.	Sioux City, Ia.
Stockton, Harry Richard, <i>a</i>	L.	Monmouth hs.	Chicago
Stone, Elizabeth Anna, <i>a w</i>	L.	Joliet Township hs.	Joliet
Stough, Morgia Jane, <i>a w sp</i>	L.	Englewood hs.	Chicago
Stranchon, M. Ethel, <i>a w sp</i>	A.	Kansas City Central hs.	Kansas City, Mo.
*Stransky, Eva, <i>a</i>	L.	Hyde Park hs.	Chicago
Straus, Melvin Leo, <i>a w sp</i>	P.	Armour a.	Chicago
Street, Emily Amanda, <i>a</i>	L.		Chicago
Strong, Arthur Poole, <i>a w</i>	S.	Cleveland, O., Central hs.	Oak Park
Strull, Charles, <i>a w sp</i>	P.	Louisville Male hs.	Louisville, Ky.
Stubbs, Ansel Hartley, <i>a w sp</i>	P.	Kansas City hs.	Kansas City, Kan.
Sturges, Anita, <i>a w sp</i>	A.	Robert A. Waller hs.	Chicago
Sullivan, James Patrick, <i>a</i>	P.	Englewood hs.	Chicago
Sullivan, Robert Brent, <i>a w sp</i>	S.	University hs.	Chicago
Summey, Mary Williamson, <i>s</i>	A.	Ward's sem., Nashville, Tenn.	New Orleans, La.
Sumner, Henry W., <i>s</i>	L.	South Division hs.	Chicago
Sunny, Helen Tytler, <i>a w sp</i>	L.	University s. for Girls	Chicago
Swallow, Anna Ruth, <i>a w</i>	L.	Hyde Park hs.	Chicago
Swan, Mary Frances, <i>a w sp</i>	L.	Wendell Phillips hs.	Chicago
Swift, Harold Higgins, <i>a</i>	P.	Hyde Park hs.	Chicago
Sylla, Marguerite Katherine, <i>a w sp</i>	A.	Elgin hs.	Elgin
Tait, Melville Stuart, <i>sp</i>	P.	John Marshall hs.	Chicago
Taahiro, Shiro, <i>sp</i>	S.	Hyde Park hs.	Togo, Japan
Taylor, George Edward, <i>sp</i>	P.	Englewood hs.	Chicago
*Taylor, James Charles, <i>a</i>	P.	u. of Florida	Ottumwa, Ia.
Taylor, Ralph Brandt, <i>w sp</i>	S.	Des Moines hs.	Des Moines, Ia.
Taylor, Thomas Barnett, <i>s</i>	L.	Fort Scott hs.	Fort Scott, Kan.
Teague, Lillian Ethel, <i>s</i>	A.	Mary Connor c.	Deport, Tex.
Templeton, Annie Cleary, <i>a w sp</i>	L.	Superior, Neb., hs.	Chicago
Templeton, Frank Herbert, <i>a w sp</i>	P.	Oak Park hs.	Oak Park
Tenney, Elizabeth Louise, <i>a w sp</i>	L.	University hs.	Chicago
Terhune, Robert Edgar, <i>a w sp</i>	L.	Petersburg hs.	Petersburg
Terry, Edith Emily, <i>s a</i>	A.	South Side a.	Chicago
Theobald, Walter Henry, <i>a w sp</i>	S.	Oconomowoc hs.	Oconomowoc, Wis.
Thielens, Elizabeth Louise, <i>a w sp</i>	L.	Englewood hs.	Chicago
Thomas, Ray Cutler, <i>s a w sp</i>	A.	Lewis inst.	Chicago
Thomas, William Edward, <i>a w sp</i>	S.	East hs., Minneapolis, Minn.	Chicago
Thompson, Firman, <i>a w sp</i>	S.	Rensselaer, Ind., hs.	Rensselaer, Ind.
Thompson, Helen Bowman, <i>a w sp</i>	L.	Englewood hs.	Chicago
Thomson, John William, <i>a w sp</i>	S.	Morgan Park a.	Garrett, Ind.
Thornton, Mabel Jessie, <i>a w</i>	L.	Lake Forest c.	Chicago
Threlkeld, Harry Laurence, <i>a w sp</i>	S.	Opdyke hs.	Mt. Vernon
Thurber, Gorham Nettleton, <i>a w</i>	S.	University hs.	Bristol, R. I.

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Timm, Florence Adaline, <i>a</i>	<i>L.</i>	<i>South Chicago hs.</i>	Chicago
Tinker, Grace Emily, <i>s</i>	<i>A.</i>	<i>Hyde Park hs.</i>	Chicago
Todd, Helen Gertrude, <i>s</i>	<i>L.</i>	<i>South Division hs.</i>	Chicago
Todd, Henry Allen, <i>a w sp</i>	<i>P.</i>	<i>Leavenworth hs.</i>	Leavenworth, Kan.
Todd, Mary Ella, <i>a w sp</i>	<i>L.</i>	<i>Englewood hs.</i>	Chicago
Tompkins, Brownell Carr, <i>a w sp</i>	<i>P.</i>	<i>University hs.</i>	Chicago
Toms, Robert Morrell, <i>a w sp</i>	<i>L.</i>	<i>Robert A. Waller hs.</i>	Chicago
Tope, John Wesley, Jr., <i>a w sp</i>	<i>S.</i>	<i>Cornell u.</i>	Oak Park
Trainor, Catherine Mary, <i>a w sp</i>	<i>L.</i>	<i>South Chicago hs.</i>	Chicago
Trautman, Bertha, <i>a w sp</i>	<i>L.</i>	<i>Illinois State Normal u.</i>	Decatur
Treacy, John Lear, <i>w sp</i>	<i>S.</i>	<i>Cornell u.</i>	St. Helena, Mont.
Trist, Cora, <i>a w</i>	<i>S.</i>	<i>Racine hs.</i>	Racine, Wis.
Trout, Thomas Wilbur, <i>a w sp</i>	<i>L.</i>	<i>Lewis inst.</i>	Oak Park
Trumbull, Florence Alice, <i>a w sp</i>	<i>L.</i>	<i>Blue Island hs.</i>	Worth
Tuckett, Norman C., <i>a w sp</i>	<i>P.</i>	<i>Freeport hs.</i>	Freeport
Tuma, Emilie, <i>s a w sp</i>	<i>L.</i>	<i>McKinley hs.</i>	Chicago
Turner, Mabel Estelle, <i>a w sp</i>	<i>L.</i>	<i>Morgan Park hs.</i>	Morgan Park
Tyley, Grace Spratt, <i>a w sp</i>	<i>A.</i>	<i>Hyde Park hs.</i>	Chicago
Ullmer, Vivien Madeline, <i>a w sp</i>	<i>A.</i>	<i>Moberly, Mo., hs.</i>	Chicago
Ulrich, George John, <i>w sp</i>	<i>P.</i>	<i>u. of Minnesota</i>	Biscay, Minn.
Underhill, Olive Lorena, <i>a w sp</i>	<i>L.</i>	<i>Pueblo, Colo., Central hs.</i>	Pueblo, Colo.
Upton, John Howard, <i>s a w sp</i>	<i>L.</i>	<i>Lake hs.</i>	Chicago
Vance, Harriet, <i>a w</i>	<i>S.</i>	<i>Science Hall, Shelbyville</i>	Shelbyville, Ky.
Van Cleef, Eugene, <i>a w sp</i>	<i>S.</i>	<i>Englewood hs.</i>	Chicago
Van Nest, Clara Keturah, <i>a w sp</i>	<i>L.</i>	<i>Dubuque hs.</i>	Dubuque, Ia.
Vaughn, Harry, <i>a w sp</i>	<i>P.</i>	<i>Fort Dodge hs.</i>	Fort Dodge, Ia.
Vedder, Ida Belle, <i>a w sp</i>	<i>L.</i>	<i>Thornton Township hs.</i>	Harvey
Verhoeven, Eleanor May, <i>s</i>	<i>L.</i>	<i>Thornton Township hs.</i>	Harvey
Wade, Ruth Anita, <i>a w sp</i>	<i>L.</i>	<i>Helena, Mont., hs.</i>	Helena, Mont.
Wagner, Alfred Phillip Ott, <i>sp</i>	<i>L.</i>	<i>Jefferson City hs.</i>	Jefferson City, Mo.
Walker, Fred Mitchell, <i>a w sp</i>	<i>P.</i>	<i>Hyde Park hs.</i>	Chicago
Walker, Granville Faye, <i>a w sp</i>	<i>L.</i>	<i>Northwestern u.</i>	Charleston
Walker, Irwin Nolan, <i>sp</i>	<i>P.</i>	<i>St. Mary's Central hs.</i>	Franklin, La.
Walker, Lulubel, <i>a w sp</i>	<i>L.</i>	<i>Hinsdale hs.</i>	Hinsdale
Walker, Sydney, <i>s a w sp</i>	<i>S.</i>	<i>Armour a.</i>	Chicago
Wallace, Urson Richard, <i>a w sp</i>	<i>P.</i>	<i>Gowanda hs.</i>	South Dayton, N. Y.
Walrath, Cornelia Robertson, <i>s</i>	<i>L.</i>	<i>Milwaukee State Normal</i>	Racine, Wis.
Wander, Paul, <i>a w sp</i>	<i>L.</i>	<i>Northwest Division hs.</i>	Chicago
Warren, Althea Hester, <i>a w sp</i>	<i>L.</i>	<i>Waukegan hs.</i>	Waukegan
Watkins, Blanche Nell, <i>a w</i>	<i>S.</i>	<i>Calumet hs.</i>	Chicago
Watkins, Edna Lillian, <i>a</i>	<i>L.</i>	<i>South Chicago hs.</i>	Chicago
Watson, Charles Francis, <i>s a w</i>	<i>S.</i>	<i>Platteville Normal s.</i>	Livingston, Wis.
Watson, Evelyn, <i>a w sp</i>	<i>L.</i>	<i>Englewood hs.</i>	Chicago
Weaver, Walter Adelbert, <i>a w sp</i>	<i>L.</i>	<i>Wheaton hs.</i>	Oak Park
Webb, Charles Julian, <i>s a w</i>	<i>P.</i>	<i>Univ. of Minn.</i>	Arcadia, Wis.
Webb, Daniel Clary, <i>a w</i>	<i>P.</i>	<i>Vanderbilt u.</i>	Bell Buckle, Tenn.
Webbe, Dorothy, <i>a w sp</i>	<i>L.</i>	<i>University hs.</i>	Chicago
Weber, Abraham Lincoln, <i>s a w sp</i>	<i>L.</i>	<i>West Division hs.</i>	Chicago
Weber, Fred August, <i>a</i>	<i>S.</i>	<i>Mt. Carroll hs.</i>	Mount Carroll

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Webster, Helen Rebecca, <i>sp</i>	L.	Hyde Park <i>hs.</i>	Chicago
Webster, Roy Emerson, <i>w sp</i>	L.	Atlanta <i>hs.</i>	Atlanta
Weil, Mildred, <i>w sp</i>	L.	Robert A. Waller <i>hs.</i>	Chicago
Welch, Laura Cornelia, <i>w</i>	L.	Washington, D. C., <i>hs.</i>	Duluth, Minn.
Welling, Francis Harvey, <i>w sp</i>	S.	Dayton, O., <i>hs.</i>	Dayton, O.
Wendel, Minnie Elizabeth, <i>a w sp</i>	L.	Kansas State Normal	Elmont, Kan.
Westlund, Hildur Christina, <i>a w sp</i>	S.	Joseph Medill <i>hs.</i>	Chicago
Weston, Jessie Beatrice, <i>a w</i>	L.	Purdue <i>u.</i>	Chicago
Wetzler, Adelaide, <i>w sp</i>	L.	Robert A. Waller <i>hs.</i>	Chicago
Wheeler, Edith, <i>w sp</i>	L.	Hyde Park <i>hs.</i>	Chicago
Whelan, Helen Mary, <i>s</i>	L.	St. James <i>hs.</i>	Chicago
Whigam, William Manny, <i>s</i>	S.	Indiana State Normal <i>s.</i>	Chicago
Whipps, Charles Elmo, <i>a w sp</i>	S.	Sullivan, Ind., <i>hs.</i>	Carlisle, Ind.
Whitcomb, Guy Waldo, <i>a w sp</i>	S.	Clyde <i>hs.</i>	Chicago
White, Elizabeth Serena, <i>s</i>	S.	Lewis <i>inst.</i>	Chicago
Whitney, Frederick Lamson, <i>s a</i>	P.	Iowa State <i>c.</i>	Osaage, Ia.
Wilk, Ben, <i>a w sp</i>	A.	Hyde Park <i>hs.</i>	Beaver Dam, Wis.
Wilkens, Ella, <i>a w sp</i>	L.	Robert A. Waller <i>hs.</i>	Chicago
Wilkes, Harriet Estabrook, <i>s a w sp</i>	L.	Hyde Park <i>hs.</i>	Chicago
Wilkinson, Eliza Jane, <i>a w sp</i>	L.	South Chicago <i>hs.</i>	Chicago
Willard, Charles Baird, <i>a w sp</i>	L.	Robert A. Waller <i>hs.</i>	Chicago
Williams, Marie Denning, <i>a w sp</i>	L.	Central <i>hs.</i> , Cambridge, O.	Cambridge, O.
Willis, Eugene Alonzo, <i>w sp</i>	S.	Morgan Park <i>a.</i>	Chicago
Wilson, Ruth Elizabeth, <i>sp</i>	L.	Englewood <i>hs.</i>	Chicago
Wilson, Ruth Katharine, <i>a w sp</i>	L.	Hyde Park <i>hs.</i>	Chicago
Wise, Edith Fidelia, <i>a w</i>	L.	Kenwood <i>inst.</i>	Chicago
Witkowsky, Ethel Miriam, <i>a w sp</i>	L.	Hyde Park <i>hs.</i>	Chicago
Wondries, Charles Henry, <i>a w sp</i>	S.	Lyons Township <i>hs.</i>	Colton, Cal.
Wood, Eleanor Supple, <i>a w sp</i>	L.	Elgin <i>hs.</i>	Chicago
Woodard, Otto Willis, <i>s</i>	S.	Iowa <i>c.</i>	Grinnell, Ia.
Woodbury, Mary Emma, <i>s a w</i>	L.	Louisville, Ky., Female <i>hs.</i>	Louisville, Ky.
Woodman, Harold Joseph, <i>sp</i>	S.	John Marshall <i>hs.</i>	Chicago
Woods, Ruby Ellen, <i>a w</i>	L.	Elgin <i>hs.</i>	Elgin
Woolf, Elmer Newton, <i>a w sp</i>	L.	Salt Lake City <i>hs.</i>	Salt Lake City, Utah
Woolf, Lucile Caroline, <i>a w sp</i>	L.	Loring <i>s.</i>	Chicago
Wrather, William Embry, <i>w</i>	P.	South Chicago <i>hs.</i>	Irvington, Ky.
Wright, Alice Irena, <i>a w sp</i>	L.	Ft. Dodge <i>hs.</i>	Fort Dodge, Ia.
Wright, Nellie Whited, <i>a w sp</i>	L.	Englewood <i>hs.</i>	Chicago
Yampolsky, Cecil Jacob, <i>w</i>	P.	Lewis <i>inst.</i>	Chicago
Yeoman, Nina, <i>a w sp</i>	L.	Avon <i>hs.</i>	Avon
Yondorf, Edna, <i>a w</i>	L.	South Division <i>hs.</i>	Chicago
Young, Nathalie Hannah, <i>w sp</i>	L.	Oak Park <i>hs.</i>	Oak Park
Youngberg, Hulda, <i>s</i>	L.	Salt Lake City <i>hs.</i>	Salt Lake City, Utah
Youngren, Harry Lawrence, <i>w sp</i>	A.	Robert A. Waller <i>hs.</i>	Chicago
Zeisler, Erwin Paul, <i>a w</i>	A.	Harvard <i>hs.</i>	Chicago
Zimmerman, Gertrude, <i>a w sp</i>	L.	Louisville Girls' <i>hs.</i>	Louisville, Ky.
Zurawski, Mary Evelyn, <i>s a w sp</i>	L.	Lake <i>hs.</i>	Chicago

MEN—521

WOMEN—453

TOTAL—974

THE UNCLASSIFIED STUDENTS

NAME	SCHOOL OR INSTRUCTOR	HOME ADDRESS
Abbott, Grace Mary Robertson, <i>s</i>	<i>Occidental c.</i>	Los Angeles, Cal.
Adams, Charles Edwin, <i>s</i>	<i>City c. of Baltimore</i>	Baltimore, Md.
Adkins, Nancy, <i>s</i>	<i>Marshall Normal s.</i>	Huntington, W. Va.
Aitken, Agnes Stuart, <i>a w sp</i>	<i>Boston s. of Domestic Science</i>	Philadelphia, Pa.
Alexander, William Matthew, <i>s</i>	<i>Normal s., Bowling Green, Ky.</i>	Lexington, Miss.
Allen, Henrietta Howard, <i>s sp</i>		Chicago
Allen, Mary Katherine, <i>s</i>	<i>Indiana State Normal</i>	Frankfort, Ind.
Ammerman, Emir Francis, <i>s</i>	<i>Kirkville State Normal s.</i>	Hamilton, Mo.
Anderson, Stella, <i>a</i>	<i>Clyde, O., hs.</i>	Chicago
Annegers, Mina, <i>a</i>	<i>Chicago Art inst.</i>	Stronghurst
Appling, Roscoe, <i>s</i>	<i>Atlanta u.</i>	Dublin, Ga.
Armitage, Flora, <i>s</i>	<i>Peabody hs., Little Rock, Ark.</i>	Little Rock, Ark.
Armstrong, Grant Cozzens, <i>a w sp</i>	<i>Pontiac hs.</i>	Pontiac
Arnold, Lillian Lucile, <i>s</i>	<i>Northwest Division hs.</i>	Chicago
Arnold, Maud Naomi, <i>a w</i>	<i>Monticello, Ia., hs.</i>	Chicago
Arrington, Oscar Napoleon, <i>a</i>	<i>Mississippi c.</i>	Brookhaven, Miss.
Arthur, Lucy Anne, <i>s</i>	<i>Ladies' c., Edinburgh, Scotland</i>	Beloit, Kan.
Atkinson, Martha Wells, <i>a</i>	<i>Dearborn sem.</i>	Chicago
Atwood, Wilmuth Ada, <i>s</i>	<i>Creal Springs c.</i>	Creal Springs
Aurianne, Augustine, <i>s</i>	<i>Tulane u.</i>	New Orleans, La.
Avery, Frederick T., <i>s</i>	<i>Valparaiso c.</i>	Chicago
Ayres, Evelyn, <i>s</i>		Kirkwood, Mo.
Bain, Bertha, <i>s</i>	<i>Nebraska State Normal</i>	Kansas City, Mo.
Baker, Anna, <i>s</i>	<i>St. Louis Normal</i>	St. Louis, Mo.
Baker, Maude, <i>s</i>	<i>Hamilton c., Lexington, Ky.</i>	Cañon City, Colo.
Baldwin, Lulu H., <i>s</i>	<i>Heidelberg u.</i>	Tiffin, O.
Barnard, Selina, <i>s a w sp</i>	<i>Central hs., Dayton, O.</i>	Birmingham, Ala.
Barnes, Alice Hopkins, <i>s</i>	<i>West Union, O.</i>	Maryville, Tenn.
Barnes, Jessie Foster, <i>s a w sp</i>	<i>Private Study</i>	Chicago
Barnhart, Elizabeth, <i>a</i>	<i>Millersville Normal s.</i>	Greensburg, Pa.
Barr, Hester Ann, <i>s</i>	<i>Cook Co., Normal s.</i>	Chicago
Barton, Roy F., <i>a</i>	<i>Illinois State Normal u.</i>	Pittsfield
Bass, Helen Anna, <i>s</i>	<i>Indianapolis Normal s.</i>	Indianapolis, Ind.
Bate, Edith Preston, <i>s</i>	<i>Lake View hs.</i>	Chicago
Bates, Mary Louise, <i>w</i>	<i>Syracuse u.</i>	Greenwich, N. Y.
Bauduit, William John, <i>s</i>	<i>Mechanical c. of La.</i>	New Orleans, La.
Bauer, Josephine Katherine, <i>s</i>	<i>Indianapolis Normal s.</i>	Indianapolis, Ind.
Baum, Minette, <i>sp</i>	<i>Private study</i>	Chicago
Baumann, George, <i>s</i>	<i>Cincinnati Normal s.</i>	Cincinnati, O.
Bechaud, Mary Ella, <i>w sp</i>	<i>Fond du Lac hs.</i>	Fond du Lac, Wis.
Bedford, Gussie Taggard, <i>a w sp</i>		White City, Kan.
Beeby, Daniel J., <i>s</i>	<i>Sparta, Wis., hs.</i>	Chicago
Behr, Elizabeth Mary, <i>s</i>	<i>Cincinnati hs.</i>	Chicago
Bell, Clara May, <i>sp</i>	<i>The Western c., Oxford, O.</i>	Hillsboro, O.
Bell, Elizabeth Ellen, <i>s</i>	<i>Morris hs.</i>	Morris
Bell, Lillian Hammond, <i>s</i>	<i>Morris hs.</i>	Morris
Bellas, Helena, <i>a</i>	<i>University hs.</i>	Chicago
Bennett, Isabel, <i>s</i>	<i>Central State Normal, Okla.</i>	Edmond, Okla.

THE UNCLASSIFIED STUDENTS

NAME	SCHOOL OR INSTRUCTOR	HOME ADDRESS
Bensley, Martha S., s	Vassar c.	Chicago
Bentall, Frederick Nathaniel, w sp	University hs.	Chicago
Berghäuser, Albert Sartor, s	Westminster c.	Fulton, Mo.
Berry, Frances Magdaline, sp	Berea c.	Wofford, Ky.
Billings, Ardella Mary, s	Clinton, Ia., hs.	Clinton, Ia.
Bingham, Josephine Eunice, a w	Miss Hersey's s., Boston	Louisville, Mass.
Black, Homer Francis, s	Indiana State Normal	La Fontaine, Ind.
Blackman, Bonnie, a w sp	Loring s.	Hinsdale
Bland, Rose, s	State Normal s.	Normal
Board, Gertrude Durstan, w	Frances Shimer a.	Wheaton
Bodemer, Lena, s	State Normal s., Terre Haute, Ind.	Indianapolis, Ind.
Bolle, Charles, s	Dr. Martin Luther c., Minn.	Watertown, Wis.
Bolton, Frank Cleveland, s	Mississippi Agricultural c.	Pontotoc, Miss.
Bonthius, Andrew, s	Hope c., Holland, Mich.	Chicago
Bowen, Bertha Lou, s	Findlay c.	Findlay, O.
Bower, Halcia Eulalia, s	Peabody Normal c.	Bainbridge, Ga.
Braden, Agnes Grace, a w sp	St. Mary's s., Notre Dame, Ind.	Chicago
Brenner, Roxane Rae, w sp	u. of Louisville	Evansville, Ind.
Brentano, Tresa, w	Evansville, Ind. hs.	Evansville, Ind.
Brose, Emma, s	Evansville, Ind., hs.	Evansville, Ind.
Brower, Lorraine Catlin, w	Louisville, Ky., hs.	Chicago
Brown, Fannie Jarnagin, s	Macon, Miss., hs.	Macon, Miss.
Brown, George Albert, s	State Normal s., Brockport, N. Y.	Riverhead, N. Y.
Brown, Hettie Abernathy, s	Arkansas u.	Paris, Tex.
Brownfield, Nellie Vay, s	Hamilton c., Lexington, Ky.	Hodgenville, Ky.
Bryan, Louise Miller, s	Vanderbilt u.	Nashville, Tenn.
Brydie, Carrie Elizabeth, s	Atlanta u.	Athens, Ga.
Buchner, Elkanah Marshall, a w sp	Delhi, Ont., hs.	Courtland, Ont.
Bullington, James S., s	Texas u.	Wills Point, Tex.
Bumgarner, Arthur Elliott, s	National Normal u.	Chicago
Burgess, Frances Corrie, s	Marshall c., Huntington, W. Va.	Huntington, W. Va.
Burgess, Lillian Agnes, w sp	University hs.	Chicago
Burghardt, Elizabeth, s	Lafayette, Ind., hs.	Romney, Ind.
Burke, Charles Francis, a w sp	Hyde Park hs.	Chicago
Burlingame, Leonas Lancelot, s a		Chicago
Bushnell, Lillian May, s	Platteville State Normal s.	Platteville, Wis.
Buskett, Margaret Erroll, a w sp	Sacred Heart Convent, Paris	Helena, Mont.
Caldwell, Perry De Ford, s	Mt. Union Normal	Chicago
Cammack, Emma, s	Cambridge City, Ind., hs.	Muncie, Ind.
Cardon, Ariel Frederick, s	Brigham Young c.	Logan, Utah
Carlson, Eric Herman, s	Armour inst.	Chicago
Carpenter, Myrtle Luella, s	Kansas State Normal s.	Springfield, Mo.
Carter, Joseph Jackson, a w	Morgan Park a.	Richmond, Ind.
Carter, Leolian, s	u. of Michigan	St. Joseph, Mo.
Carter, Lucia, s	Iowa c.	Grinnell, Ia.
Caryl, Anne Fearing, a w sp	Hyde Park hs.	Chicago
Casey, Lucile Edwina, sp	Kenwood inst.	Chicago
Cawthon, Fannie Lou, s	Florida State Normal	De Funiak Springs, Fla.
Chadwick, Mary Griswold, s		Chicago

THE UNCLASSIFIED STUDENTS

NAME	SCHOOL OR INSTRUCTOR	HOME ADDRESS
Chalfant, Hallie, <i>s</i>	Monmouth c.	Pontiac
Chalfant, Maud, <i>s</i>		Streator
Chapin, Mary Katharine, <i>s</i>	Columbian u.	Chicago
Chase, David Gamble, <i>s</i>	S.B. (u. of Nashville)	Ardon, Miss.
Cheadle, Queen, <i>s w sp</i>	Coates c.	Chicago
Cheney, Laura Jean, <i>s</i>	Cook County Normal s.	Frankfort, Ind.
Childs, Merlin Willett, <i>a w</i>	a. of u. of Illinois	Keithsburg
Chrisman, Clayton Alexander, <i>a</i>	Virginia Theological sem.	Denver, Colo.
Christensen, Edward P., <i>s</i>		Luddington, Mich.
Clark, Caroline Irving, <i>s</i>	Illinois State Normal s.	Helena, Ark.
Clark, Sara Hall, <i>s</i>	Illinois State Normal s.	Helena, Ark.
Clement, Corda Candace, <i>a w sp</i>	McPherson c., Kan.	Canton, O.
Clement, Dottie Wheeler, <i>a w sp</i>	McPherson c., Kan.	Chicago
Clements, Melbourne, <i>a w</i>	u. of Nashville	Nashville, Tenn.
Clifford, Elizabeth, <i>s</i>	State Normal s., Potsdam, N. Y.	Cleveland, O.
Cluff, Walter Elmo, <i>s a w</i>	Brigham Young a.	Chicago
Cobbs, Buena Henry (Miss), <i>w</i>	Virginia s. of Methods	Martinsville, Va.
Cole, Clifford Comstock, <i>a w</i>	Cornell u.	Chicago
Compere, Comfort He Chigee, <i>a w sp</i>	u. of Texas	St. Louis, Mo.
Conway, Jay Thomas, <i>s</i>	u. of Oklahoma	Alva, Okla.
Cooke, Sarah Burnham, <i>s</i>	Mary Sharp c.	Bowling Green, Ky.
Coons, Clarence Dale, <i>s</i>	Denison u.	Granville, O.
Cooper, Jeanette, <i>w sp</i>	West Division hs.	Chicago
Coppersmith, Ella, <i>s</i>		Lake Geneva, Wis.
Coultas, Alta May, <i>s</i>	Valparaiso c.	Chicago
Cowperthwaite, Cora Deborah, <i>s</i>	u. of Denver Preparatory s.	Denver, Colo.
Cox, Nannie, <i>s</i>	Purdue u.	Indianapolis, Ind.
Craig, Mary Belle, <i>s</i>	Kansas City hs.	Kansas City, Mo.
Cummings, Florence, <i>a w sp</i>	Lake Forest c.	Chicago
Cummings, Ross Douglas, <i>a w sp</i>	Austin hs.	Austin
Cummings, Mary Gray, <i>s</i>	Peabody c., Nashville, Tenn.	Fayetteville, Tenn.
Cunningham, Minnie L., <i>s</i>	Plattsburg, N. Y., Normal s	Park City, Utah
Cuppige, Jean Gilbert, <i>s</i>	Winfield, Kan., hs.	Newkirk, Okla.
Daffan, Katie, <i>s</i>	Texas State Normal s.	Houston, Tex.
Daly, Clara May, <i>a w sp</i>	Iowa State Normal s.	Charles City, Ia.
Daniel, John Franklin, <i>a w sp</i>	Southern Illinois Normal u.	Mt. Vernon
Dann, Sarah Emma, <i>s</i>	Ohio Wesleyan u.	Sidney, O.
Davenport, Hubert Kershaw, <i>s</i>	Millikan u.	Crossville
Davis, Edith Evelyn, <i>s</i>	Shawnee hs.	Shawnee, Okla.
Davis, Orion Mansfield, <i>s</i>	South Side a.	Chicago
Davis, Roscoe Edward, <i>s</i>	Illinois State Normal u.	Aurora
Davis, Theodore Gardiner, <i>s</i>	Alfred u., Alfred, N. Y.	Alfred, N. Y.
Dean, Frances Ida, <i>a w</i>	Wellesley c.	Touisset, Mass.
Denney, Effie, <i>w sp</i>	Hamilton c.	Lexington, Ky.
Dennis, Pauline, <i>s</i>	Nashville u.	Roanoke, Va.
Dewar, Florida Henrietta, <i>s</i>	Peabody c.	Largo, Fla.
Dickinson, James Edwin, <i>a w</i>	Morgan Park a.	Chicago
Dingman, George Luman, <i>a</i>	Logansport, Ind., hs.	Logansport, Ind.
Dodgen, Lily Marie, <i>s a w</i>	State Normal s., Athens, Ga.	Cassville, Ga.

THE UNCLASSIFIED STUDENTS

NAME	SCHOOL OR INSTRUCTOR	HOME ADDRESS
Doran, Sadie Cecilia, <i>s a w sp</i>	Ames c.	Davenport, Ia.
Dougherty, Mabel, <i>s</i>	Powhattan c.	Coldwater, Miss.
Downey, Elzy Franklin, <i>s</i>	Illinois State Normal u.	Clyde
Driggs, Howard Roscoe, <i>a w sp</i>	u. of Utah	Pleasant Grove, Utah
Driver, Hazel, <i>a</i>	u. of Wisconsin	Chicago
Dudley, Gertrude, <i>w sp</i>	Mt. Holyoke c.	New Haven, Conn.
Duesing, Hans, <i>a w sp</i>	Valparaiso c.	Chicago
Duffy, Winifred Elizabeth, <i>s</i>	Drake u.	Riceville, Ia.
Dugan, John Matthew, <i>s</i>	Lake hs.	Chicago
Dupee, Margaret Buchanan, <i>s</i>	Kenwood inst.	Chicago
Durham, Eloise, <i>s</i>	Dr. Price's s., Nashville	Meridian, Miss.
Dusenbury, Ross Butler, <i>s</i>	Central State Normal s.	Mt. Pleasant, Mich.
Eccles, Helen Mary, <i>a</i>	Englewood hs.	Berwyn
Eckstein, Florence, <i>w sp</i>	West Division hs.	Chicago
Edwards, Elsie Marion, <i>s a w sp</i>	St. Mary's s., Notre Dame, Ind.	Chicago
Edwards, Jennie, <i>s</i>	Kirkville, Mo., State Normal s.	Vandalia, Mo.
Eldredge, Genevieve Anthony, <i>s</i>	Teachers' Training s.	Springfield
Ellis, Lesba Sallie, <i>a w sp</i>	Randolph-Macon Woman's c.	Arcadia, La.
Ellis, Winifred Martin, <i>s</i>	Southern Illinois State Normal u.	Cairo
Elmore, Helen, <i>s</i>	Dallas, Tex., hs.	Dallas, Tex.
Encking, Louise F., <i>w sp</i>	Fond du Lac hs.	Fond du Lac, Wis.
Engelke, Mary Augusta, <i>w</i>	Nebraska Wesleyan u.	Sidney, Ia.
English, Mary Lavinia, <i>s</i>	Leland Stanford u.	Decatur
Erickson, Martina Cecelia, <i>s</i>	La Crosse, Wis., hs.	Kenosha, Wis.
Erwin, Marguerite, <i>s</i>	Randolph-Macon Woman's c.	College Park, Va.
Etheridge, Henrietta, <i>s</i>	Macon hs.	Macon, Ga.
Evans, Clara Munger, <i>a</i>	Jacksonville a.	Chicago
Evans, Idris William, <i>s</i>	Trinity u.	Bonham, Tex.
Everett, Zoe Gillian, <i>s</i>	Logan c.	Sebree, Ky.
Falconer, Mabel, <i>s</i>	Michigan State Normal s.	Charlotte, Mich.
Farley, Jennie Egremont, <i>a</i>	Chicago Female c.	Manteno
Favor, Myrtle Adaline, <i>s</i>	Monmouth State Normal	Chicago
Ferguson, Aurelia Bloomer, <i>s</i>	Keosauqua, Ia., hs.	Mt. Sterling, Ia.
Ferguson, Benjamin Meyer, <i>a w sp</i>	Lewis inst.	Chicago
Fisher, Genevieve, <i>s</i>	Springfield hs.	Springfield
Fitch, Philip, <i>s</i>	Colorado c.	Denver, Colo.
Flagg, Eda Delphine, <i>a</i>	Winona, Minn., State Normal	Chicago
Flynn, Lucy Walker, <i>s</i>	Tubman hs.	Augusta, Ga.
Flynt, India, <i>s</i>	u. of Mississippi	Aberdeen, Miss.
Fonda, Minerva Fairbanks, <i>a w</i>	Oneonta Normal	Gloversville, N. Y.
Ford, Thomas Benjamin, <i>s</i>	State Normal, Warrensburg, Mo.	Trenton, Mo.
Forgrave, Harrison Sales, <i>sp</i>	St. Joseph, Mo., hs.	St. Joseph, Mo.
Foster, Frederick Lewis, <i>s</i>	Fond du Lac hs.	Fond du Lac, Wis.
Frazee, Mary, <i>s</i>	Indiana State Normal s.	Frankfort, Ind.
Frost, Ethel Genevieve, <i>a</i>	Evansville hs.	Evansville, Wis.
Fulgham, Emma D., <i>s</i>	Palestine hs.	Palestine, Tex.
Fulkerson, Etta, <i>s</i>	Missouri State Normal s.	Kansas City, Mo.
Galentine, Grace, <i>s</i>	Goshen Public s.	Goshen, Ind.
Gannon, Marie Beatrice, <i>s</i>	Dubuque, Ia., Teachers' Training s.	Dubuque, Ia.

THE UNCLASSIFIED STUDENTS

NAME	SCHOOL OR INSTRUCTOR	HOME ADDRESS
Garfield, Mabelle Florence, <i>a w</i>	<i>Columbus c. of Expression</i>	La Fox
Garver, Franklin Scott, <i>a w</i>	<i>Lewis inst.</i>	Rockford
Gates, Mell Sears, <i>a w</i>	<i>Chicago Art inst.</i>	Chicago
Gelders, Bertha Heimar, <i>s</i>	<i>u. of Gottingen</i>	Birmingham, Ala.
Geyer, Arthur Norman, <i>a w sp</i>		Roswell, N. M.
Gibson, Etta, <i>w sp</i>	<i>Edgar, Neb., hs.</i>	Edgar, Neb.
Gilfillan, Margery Jane, <i>a w sp</i>	<i>Westminster c., Pa.</i>	New Castle, Pa.
Girard, Arthur Louis, <i>s</i>	<i>St. Viateur's c.</i>	Chicago
Given, Walton Sprague, <i>s</i>	<i>State Normal, Madison, S. Dak.</i>	Britton, S. D.
Glass, Edna Marjorie, <i>s</i>		Winfield, Kan.
Goode, Clara Lee, <i>s</i>	<i>Hamilton c.</i>	Lexington, Ky.
Goode, Katherine Hancock, <i>w</i>	<i>Moorhead, Minn., State Normal</i>	Chicago
Goodrich, Grace Edith, <i>s</i>		Detroit, Mich.
Goodwin, Hugo Philler, <i>s a w sp</i>	<i>East Division hs., Milwaukee</i>	Milwaukee, Wis.
Gorrell, Harry Roscoe, <i>s</i>	<i>Ohio Wesleyan u.</i>	Sabina, O.
Gotthelf, Clarence N., <i>sp</i>	<i>East Denver hs.</i>	Denver, Colo.
Gough, Lula Cass, <i>s</i>	<i>Sherman hs.</i>	Sherman, Tex.
Graham, Sister Clara, <i>s</i>	<i>St. Joseph's a., Minn.</i>	St. Paul, Minn.
Graham, Katherine Allen, <i>a w</i>	<i>Kansas City, Mo., hs.</i>	Chicago
Graves, Frederick Roberts, <i>s</i>	<i>Kenyon c.</i>	Indianapolis, Ind.
Greenberg, Otto William, <i>s w</i>	<i>Brooklyn, N. Y., hs.</i>	New York City
Greenfield, Mary Pearl, <i>s</i>	<i>Kingfisher c.</i>	Weatherford, Okla.
Gregory, Walter Leon, <i>a w sp</i>	<i>Muncie, Ind., hs.</i>	Muncie, Ind.
Gregson, Walter Stanley, <i>s</i>	<i>Ouachita, c.</i>	Jonesboro, Ark.
Grier, Ethelwyn Sophie, <i>s</i>	<i>Lombard c.</i>	Racine, Wis.
Griffith, Arria, <i>s</i>	<i>Oxford c.</i>	Owensboro, Ky.
Griggs, Louise Choice, <i>s</i>	<i>Virginia s. of Methods</i>	Roanoke, Va.
Grill, Anna, <i>s</i>	<i>Hohere Madchenschule, Koblenz, Germany</i>	Lebanon, Mo.
Gross, Frederick William, <i>s</i>	<i>Bishop c.</i>	Victoria, Tex.
Guillaume, William, <i>s</i>	<i>Northern Indiana Normal s.</i>	Elk Point, S. D.
Gulbransen, Ragnhild, <i>s</i>	<i>Middle s., Christiania, Norway</i>	Christiania, Norway
Guyer, Sarah H., <i>w</i>	<i>Teachers' c. of New York</i>	Waverly, N. Y.
Hadley, Alice Amma, <i>s</i>	<i>Indiana State Normal</i>	Frankfort, Ind.
Haessler, Luise, <i>s a w</i>	<i>u. of Wisconsin</i>	Milwaukee, Wis.
Hale, Ida Viller, <i>s</i>	<i>Private Study</i>	Chicago
Hall, Rosabel, <i>s</i>	<i>Brigham Young c.</i>	Logan, Utah
Halley, Della Charlotte, <i>s</i>	<i>Hyde Park hs.</i>	Chicago
Hamlin Lenora Austin, <i>a</i>	<i>St. Paul, Minn., hs.</i>	Chicago
Hamm, Emile Siemens, <i>s</i>	<i>Marienburg hs., Germany</i>	Beatrice, Neb.
Hanks, Sadie, <i>s</i>	<i>Texas Normal c.</i>	Sherman, Tex.
Hansen, Bena, <i>s a</i>	<i>Mankota, Minn., State Normal</i>	Albert Lea, Minn.
Hansen, S. Stena, <i>s</i>	<i>Cedar Falls hs.</i>	Cedar Falls, Ia.
Hare, Charles Benjamin, <i>sp</i>	<i>u. of Michigan</i>	Pawnee City, Neb.
Harpole, Winfield Scott, <i>s</i>	<i>Oakland hs.</i>	Chicago
Harriman, Kate, <i>s</i>	<i>St. John's a., Vermont</i>	Kansas City, Mo.
Harris, Fielder Bouie, <i>s</i>	<i>National Normal u.</i>	West Milton, O.
Harrison, Mary Ella, <i>s</i>	<i>Maryland State Normal s.</i>	Baltimore, Md.
Harrison, Merrill Smith, <i>a w</i>	<i>Armour inst.</i>	Chicago

THE UNCLASSIFIED STUDENTS

NAME	SCHOOL OR INSTRUCTOR	HOME ADDRESS
Hart, Lillie Hanah, <i>a</i>	Loring <i>s.</i>	Chicago
Haskell, Marion Alexander <i>s</i>	So. Carolina <i>c.</i> for Women	Savannah, Ga.
Hawkes, Clara Naomi, <i>s</i>	State Normal, Buffalo, N. Y.	Decatur
Hawkins, Mary D., <i>s</i>	Indiana State Normal	Danville
Hawkins, Mary Elizabeth, <i>s w</i>	Ladies' <i>c.</i> , Herefordshire, Eng.	Ledbury, Eng.
Hays, Edna, <i>s</i>	Albion, Ind., <i>hs.</i>	Albion, Ind.
Healy, Nellie Julia, <i>a w</i>	Avoca <i>hs.</i>	Avoca, Ia.
Heaston, Leone Pearl, <i>s</i>	Marion, Ind., <i>hs.</i>	Marion, Ind.
Heeter, Elmer Ellsworth, <i>s</i>	Converse, Ind. <i>hs.</i>	North Manchester, Ind.
Hegner, Ida Elizabeth, <i>s</i>	Milwaukee State Normal	Decorah, Ia.
Heil, Dora Ellen, <i>s</i>	South Division <i>hs.</i>	Chicago
Heineken, Pearl, <i>s</i>	Winfield, Kan., <i>hs.</i>	Winfield, Kan.
Hemphill, Joseph Clyde, <i>s</i>	Westfield <i>c.</i>	Westfield
Henne, Lillian Margaret, <i>s</i>	Mrs. Brook's Private <i>s.</i>	Merna, Neb.
Henry, Jessie Burnette, <i>s</i>	Burnham <i>c.</i>	Columbus, Ga.
Herb, Isabella Coler, <i>w</i>	Northwestern <i>u.</i> Medical <i>s.</i>	Clyman, Wis.
Herrick, Mary Brownell, <i>s</i>		Chicago
Hibbs, Delbert Earl, <i>w</i>	Ohio Normal <i>u.</i> , Ada, O.	Chicago
Hickman, Laura, <i>s</i>	Brigham Young <i>c.</i>	Benjamin, Utah
Hill, Mary Samuel, <i>s</i>	Indiana State Normal <i>s.</i>	Terre Haute, Ind.
Hill, Nancy, <i>s w</i>	Hyde Park <i>hs.</i>	Chicago
Hills, Mary Lida, <i>s</i>	Woman's <i>c.</i> , Baltimore	Nashua, N. H.
Holland, William West, <i>s</i>	<i>u.</i> of Virginia	Eastville, Va.
Hollmann, Lydia A., <i>s</i>	Oshkosh State Normal <i>s.</i>	Green Bay, Wis.
Holman, John Hamilton, <i>s</i>	Meharry Medical <i>c.</i>	Chicago
von Holst, Mary, <i>a w</i>	Hohere Tochter Schule, Freiburg, Germany	Chicago
Holton, Alice Louise, <i>w</i>	Mrs. Starrett's <i>s.</i>	Chicago
Horton, William Saunders, <i>s</i>	Whitesboro Normal	Corsicana, Tex.
Houghton, Albert Balch, <i>a w</i>	<i>u.</i> of Wisconsin	Milwaukee, Wis.
Howard, Judah May, <i>s</i>	Nebraska State Normal	Fremont, Neb.
Howard, Katharine, <i>s</i>	Indiana State Normal	Frankfort, Ind.
Hull, Edith Renner, <i>s</i>	<i>u.</i> of Texas	Houston, Tex.
Hulse, Mary Victoria, <i>s</i>	Florida State Normal	New Orleans, La.
Hultman, Jennie Elizabeth, <i>s</i>	Teachers' Training <i>s.</i>	Omaha, Neb.
Hultquist, Axel Conrad, <i>a</i>	University <i>hs.</i>	Chicago
Hunt, Martha, <i>s</i>	Carrollton <i>hs.</i>	Clinton
Hurley, Timothy James, <i>s a w sp</i>		Chicago
Hutsell, Frances Eldora, <i>s</i>	Indiana State Normal	Huntington, Ind.
Huyck, Charles Hayde, <i>a w</i>	Clio <i>hs.</i>	Clio, Mich.
Hynds, Julia Bernadetta, <i>s</i>	St. Angelas <i>a.</i>	Morris
Illingworth, Corienne Eliza, <i>s</i>	Peoria <i>hs.</i>	Peoria
Imel, John Gray, <i>s</i>	Prairie View, Tex., Normal <i>c.</i>	Edmond, Okla.
Irvin, Edna Clare, <i>s</i>	Oxford <i>c.</i>	Chicago
Jackson, Florence Louise, <i>s</i>	Normal Training <i>s.</i>	Chicago
Jackson, Laura, <i>s</i>	Peabody Normal	Albany, Tex.
Jackson, Leicester Lemont, <i>a w</i>	University <i>hs.</i>	Birmingham, Ala.
Jacobs, Robert Edmond, <i>s</i>	Coleman <i>c.</i>	Converse, La.
James, Virginia, <i>s</i>	Cotley <i>c.</i>	Springfield, Mo.

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NAME	SCHOOL OR INSTRUCTOR	HOME ADDRESS
Janisch, Minna J., <i>a w</i>	National Cathedral s.	Chicago
Jansen, Kate Elliott, <i>s</i>	Holyoke c.	Quincy
Janssen, Anna, <i>s</i>	Springfield hs.	Springfield
Jarnagin, Eula, <i>s</i>	Rogersville, Tenn., Synodical c.	Chattanooga, Tenn.
Jeffries, Otto William, <i>s</i>	Central Manual c. of Oklahoma	Edmond, Okla.
Jenison, Madge C., <i>s</i>	Wells c., Aurora, N. Y.	Chicago
Jennings, Suzanne Elizabeth, <i>s</i>	Waco, Tex., hs.	Waco, Tex.
Johnson, Charles Victor, <i>a w sp</i>	Mason hs.	Moorhead, Minn.
Johnson, Charles Bertram, <i>s</i>	Western c.	Callao, Mo.
Johnson, Martha Olive, <i>a w sp</i>	Louisville hs., Miss.	Louisville, Miss.
Johnson, Mary Mittendorf, <i>a</i>	St. Katharines' Hall, Davenport, Iowa	Chicago
Johnston, Eldon Thomas, <i>w</i>	Nebraska Wesleyan u.	Wheatland, Wyo.
Johnston, Elizabeth, <i>s a w sp</i>	Detroit Training s.	La Fontaine, Ind.
Jolly, Ethel, <i>s</i>	Trenton, Mo., hs.	Trenton, Mo.
Jones, Aleda Eugenius, <i>s</i>	LeMoynes inst.	Memphis, Tenn.
Jones, Anna Hergesheimer, <i>s</i>	u. of Texas	San Antonio, Tex.
Jones, Sarah Jane, <i>s</i>	Parsons hs.	Parsons, Pa.
Kaufman, Lula Lenore, <i>s</i>	Wichita hs.	Wichita, Kan.
Keffer, Mary, <i>s</i>	Central hs., Cleveland	Cleveland, O.
Kelley, Annette Maria, <i>s</i>	Bryn Mawr c., Pa.	Chicago
Kelso, James Mitchell, <i>s</i>	Northwestern Normal s.	Tonkawa, Okla.
Kemper, Henry Michael, <i>s</i>	Notre Dame u.	Chicago
Kendrick, Edwin Kirkpatrick, <i>s</i>	Junction City hs.	Kansas City, Mo.
Kendrick, Minnie, <i>s</i>	Baylor u.	Waco, Tex.
Kettelkamp, Edward C., <i>s</i>	Central Wesleyan c.	Nokomis
Kimball, Winifred, <i>a w sp</i>	Northwestern u.	Apalachicola, Fla.
King, Elizabeth, <i>s</i>	Central State Normal s.	Weatherford, Okla.
Kissell, Mary Lois, <i>s</i>	South Division hs.	New York City
Knickerbocker, Maud Ethel, <i>s</i>	South Dakota State Normal s.	Lead, S. D.
Knudson, Oscar, <i>a w sp</i>	Public s.	Chicago
Kolar, Gustav Stanley, <i>a w</i>	Northwestern u.	Chicago
Kruger, Alma Martha, <i>s</i>	Indiana Normal s.	Grant, Mich.
Kuechler, Ione Selma, <i>s</i>	Wellesley c.	Jacksonville
Ladd, Daniel Martin, <i>a w</i>	Kansas State Agricultural c.	Manhattan, Kan.
Laitem, Rose Francois, <i>s</i>	Ithaca hs.	Hartford, Ind.
Lake, Charles Henry, <i>s</i>	Wooster, O., u.	Granville, O.
La Mer, Eugenia Angelique, <i>s</i>	Leavenworth hs.	Leavenworth, Kan.
Lancaster, Jetta, <i>s</i>	Cook County Normal s.	Chicago
Lanier, Mary Jean, <i>s</i>	Peabody Normal c.	Nashville, Tenn.
Lanning, Elmer Alvin, <i>s</i>	Tri-State Normal c.	Sturgis, Mich.
Latham, Edith Mara Holbrook, <i>a w</i>	Emerson c., Boston	Pueblo, Colo.
Lathrop, Laurence Henry, <i>a w</i>	u. of Tennessee	Knoxville, Tenn.
Lawrence, Harry Raymond, <i>w</i>	Hyde Park hs.	Chicago
Lea, Kate Nelson, <i>s</i>	Peabody Normal c.	Corsicana, Tex.
Lee, Charles Sheets, <i>a w sp</i>	Englewood hs.	Chicago
Lee, Harry Daniel, <i>s</i>	Michigan State Normal c.	St. Joseph, Mich.
Lee, Mabel, <i>a w sp</i>	St. Mary's, Knoxville	Chicago
Lenahan, Paul, <i>s</i>	Dubuque, Ia., hs.	Dubuque, Ia.

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NAME	SCHOOL OR INSTRUCTOR	HOME ADDRESS
Leonard, Horace Holly, s	Missouri Valley c.	Marshall, Mo.
Lesem, Rebekah, s	Illinois State Normal u.	Quincy
Leslie, Marie le Castel, s	Sam Houston Normal (Tex.)	Waco, Tex.
Lewis, Cora Elizabeth, s	Oberlin c.	Chicago
Lewis, Nannie Meem, s	Vanderbilt u.	Birmingham, Ala.
Lightbody, James Davies, a w	De Pauw u.	Greencastle, Ind.
Livermore, Hannah Louisa, a	N. J. State Normal s.	Woodbury, N. J.
Livingston, Mary Beckman, s	Cook County Normal s.	Chicago
Locke, Alma Eells, s	Newcastle, Pa., hs.	Newcastle, Pa.
Lockey, Joseph Byron, s	Peabody Normal c.	Pensacola, Fla.
Logasa, Hannah, s	u. of Iowa	Omaha, Neb.
Long, Mary Sheppard, s sp	Peace inst., Raleigh, N. C.	Minneapolis, Minn.
Lannon, Florence Emily, a w sp	New Albany hs.	New Albany, Ind.
Lord, Kate Welles, a w sp		Chicago
Loveland, Elizabeth Shepard, s	Wilkesbarre inst.	Kingston, Pa.
Lowrance, Eva May, s	Parsons' c.	Chicago
Mann, Jessie Rebecca, s	Northwestern Illinois State Normal s.	
	Kirkville State Normal s.	De Kalb
Mars, John Davis, s	Fremont, Neb., Normal s.	Plattsburg, Mo.
Martin, Alice Sarah, s a w sp	Armour a.	Chicago
Marx, Jacob Hart, a w	Glendale hs.	Chicago
Mason, Hattie Devol, a	Kansas State Normal s.	Chicago
Matthew, Ernest Bertram, s	Indiana State Normal s.	Hayes, Kan.
Meier, Henry Frederick Augustus, s	Crozer Theological sm.	Edwardsport, Ind.
Meighan, John, s	Private Study	Chester, Pa.
Meigs, Merrill Church, a w sp	Sam Houston Normal inst.	Marshalltown, Ia.
Meredith, Anvaline, s	Gallipolis, O., hs.	Wills Point, Tex.
Merriman, Nellie Black, s	Peabody Normal c.	Gallipolis, O.
Merryman, Annie Tabitha, s	Ohio Normal u.	Waverly, Tenn.
Metzger, Bernard Augustus, a w	Shelby, O., hs.	Shelby, O.
Metzger, Stephen Joseph, s	Indiana Normal s.	Shelby, O.
Meyer, Emilie Louise, s	Cook County Normal s.	Terra Haute, Ind.
Miller, Bertha Alice, s	Kirkville State Normal s.	Paris
Miller, Clara, s a	u. of Michigan	Greentop, Mo.
Miller, George J, s	u. of Texas	Kalamazoo, Mich.
Miller, Lourania, s	Columbia u., N. Y.	Austin, Tex.
Minett, Alexander MacMillan, sp	Louisville Normal s.	Chicago
Minnia, Emma Lewis, s	Kansas State Normal s.	Louisville, Ky.
Minrow, Maude Elizabeth, s		Iola, Kan.
Mitchell, James Herbert, s a w sp	South Division hs.	Chicago
Mock, Margaret Mary, s	Milwaukee State Normal s.	Joliet
Mohr, Nellie Catharine, s	Indiana State Normal s.	Racine, Wis.
Montgomery, Jessie Benton, s	u. of Iowa	Vincennes, Ind.
Moore, Alice Edith, w	Waco hs.	Le Mars, Ia.
Moore, Jane, s	Peabody Normal s.	Waco, Tex.
Moore, Julia, s	Southwestern u.	Columbus, Ga.
Moore, Roy Albert, s	Ohio State u.	Georgetown, Tex.
Moorehead, Frederick Brown, s	Chicago Normal s.	Chicago
Moran, Ethel, s		Chicago

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NAME	SCHOOL OR INSTRUCTOR	HOME ADDRESS
Moran, Katherine Elizabeth, <i>s</i>	<i>u. of Montana</i>	Chicago
Morr, Arthur Allen, <i>s</i>	<i>Butler c.</i>	Ashland, O.
Morris, Lila Kemble, <i>s</i>	<i>u. of West Virginia</i>	Chicago
Morse, Katherine Marian, <i>s</i>	<i>St. Mary's, Notre Dame</i>	Omaha, Neb.
Moss, Alice E, <i>s</i>	<i>Iowa State Normal s.</i>	Des Moines, Ia.
Mowry, Emma Sophia, <i>s</i>	<i>Knox c.</i>	Knoxville
Moyer, Verna Alberta, <i>w</i>	<i>Illinois State Normal u.</i>	Clarence
Murphy, Ella Josephine, <i>s</i>	<i>Dallas hs.</i>	Dallas, Tex.
Murphy, Theodore Rhodes, <i>a w sp</i>	<i>Armour inst.</i>	St. Louis, Mo.
McCallie, Grace Elizabeth, <i>s</i>	<i>Bellewood Female sem.</i>	Chattanooga, Tenn.
McCorry, Cecil, <i>s</i>	<i>Louisiana State u.</i>	Hope Villa, La.
McDade, James Edward, <i>s</i>		Chicago
McElroy, Abigail Collins, <i>s</i>	<i>Oswego c., Kans.</i>	Topeka, Kan.
McGregor, Elisabeth, <i>s</i>	<i>Platteville, Wis., Normal s.</i>	Platteville, Wis.
McHugh, Sister Antonio, <i>s</i>	<i>St. Mary's a., Winnipeg</i>	St. Paul, Minn.
McIntyre, Mainnie Catharine, <i>s</i>	<i>Valparaiso Normal s.</i>	Valparaiso, Ind.
McKinley, James Joseph, <i>sp</i>	<i>Iowa Agricultural c.</i>	Chicago
McKinney, Mary Louise, <i>s</i>	<i>Virginia State Normal s.</i>	Decatur, Ga.
McLaughlin, Katherine C, <i>s</i>	<i>Shortridge hs., Indianapolis</i>	Indianapolis, Ind.
McLaughlin, Margaret Loretta, <i>s</i>	<i>Shortridge hs., Indianapolis</i>	Indianapolis, Ind.
McLeod, George Green, <i>s</i>	<i>Valparaiso c.</i>	Henning, Tenn.
McNaughton, Lena L, <i>s</i>	<i>Granville Female c.</i>	Columbus, O.
MacNeille, Clarence Theodore, <i>s a w sp</i>	<i>Boardman Manual Training s.</i>	New Haven, Conn.
Napier, Alice, <i>s</i>	<i>Peabody Normal c.</i>	Lafayette, Ga.
Nebeker, Laura, <i>a w sp</i>	<i>Utah Agricultural c.</i>	Logan, Utah
Nelson, Louise A, <i>s</i>		Postville, Ia.
Neupert, George Jacob, <i>s</i>	<i>Northern Indiana Normal s.</i>	Idaho Springs, Colo.
Newman, Anna Evelyn, <i>s</i>	<i>Louisville Normal s.</i>	Louisville, Ky.
Nielson, Minnie Jean, <i>s</i>	<i>u. of Michigan</i>	Valley City, N. D.
Nivling, Emmis Sample, <i>s</i>	<i>State Normal s. of Nebraska</i>	Sioux City, Ia.
Norrman, Karl Adolf, <i>a w</i>	<i>Royal Technical inst., Stockholm</i>	Helsingfors, Finland
Notley, William Dewitt, <i>s</i>	<i>North Texas State Normal s.</i>	Paris, Tex.
O'Connor, George Bligh, <i>s</i>	<i>Toronto Law s.</i>	Walkerton, Ont.
O'Leary, Anna Josephine, <i>s</i>	<i>West Division hs.</i>	Chicago
Oosterheerdt, Albert, <i>w</i>	<i>Dutch Schools</i>	Chicago
Osborn, Eugenia Hilleary, <i>s</i>	<i>Maryland State Normal s.</i>	Manassas, Va.
Packard, Edgar, <i>s</i>	<i>Indiana State Normal</i>	Onaraga
Paden, Lou Rachel, <i>s</i>	<i>Mt. Holyoke</i>	Salt Lake City, Utah
Page, Helen Frederika, <i>a w</i>	<i>Salem Normal s.</i>	Chicago
Page, William Kennett, <i>sp</i>	<i>United States Naval a.</i>	Chicago
Pagenstecher, Otilie Katherine, <i>s</i>	<i>Woodward hs., Cincinnati</i>	Dayton, O.
Paine, Evaline Cordelia, <i>s</i>	<i>Springfield hs.</i>	Springfield
Pape, Charles Cleveland, <i>a</i>	<i>Purdue u.</i>	Tipton, Ind.
Parcot, Eugenie, <i>sp</i>	<i>Pensionat, Cotterets, France</i>	Chicago
Parkinson, Louise Griffin, <i>s</i>	<i>American Conservatory of Music</i>	Chicago
Parmly, Grace Sumner, <i>a</i>	<i>Mrs. Starrett's s.</i>	Chicago
Parsons, Olive Sewall, <i>s</i>	<i>Wellesley c.</i>	Lowell, Mass.
Pattee, James Jay, <i>s</i>	<i>Bush Medical c.</i>	Pueblo, Colo.
Payne, Enoch George, <i>s</i>	<i>National Normal u.</i>	Peducah, Ky.

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NAME	SCHOOL OR INSTRUCTOR	HOME ADDRESS
Payne, Gertrude, <i>sp</i>	Cornell u.	San Jose, Cal.
Peabody, Florence Earll, <i>a w sp</i>	University hs.	Chicago
Peak, Clayton Faut, <i>s</i>	Missouri State Normal	Warrensburg, Mo.
Peck, Josephine Pauline, <i>s</i>	Plattsburg, N. Y., <i>hs.</i>	Westfield, Mass.
Perkins, Agnes Schindler, <i>s</i>	Teachers' c., Breslau, Germany	Chicago
Perry, Everett Robbins, <i>s</i>	Harvard c.	Worcester, Mass.
Perry, Mrs. Mary Davis, <i>w</i>	Sterling <i>hs.</i>	Sterling
Petrie, James Petrie, <i>a w sp</i>	Lewis inst.	Chicago
Peyton, Lena Ellen, <i>s</i>	Shawnee, Okla., <i>hs.</i>	Shawnee, Okla.
Pfefferkorn, Mary Magdalene, <i>s</i>	Leavenworth <i>hs.</i>	Leavenworth, Kan.
Pfeiffer, Madeleine, <i>s</i>	u. of Nashville	St. Joseph, Mo.
Phelps, Harvey Henry, <i>s</i>	Ohio State u.	Lexington, O.
Philbrook, Elizabeth F., <i>s</i>	Lombard c.,	Racine, Wis.
Phillips, Anne Winifred, <i>s</i>	u. of Mississippi	Monticello, Ark.
Powell, Homer K., <i>s</i>	Findlay c.	Findlay, O.
Powers, Edwin Booth, <i>s</i>	Trinity u., Wapakachie, Tex.	Midlothian, Tex.
Preble, Robert Bruce, <i>s</i>	A. B. u. of Michigan	Chicago
Presho, Edward Webb, <i>s</i>	A. B. Tufts c.	Los Angeles, Cal.
Pretlow, Isabella, <i>s</i>	Oswego, N. Y., State Normal s.	Platteville, Wis.
Pugny, Marthe, <i>s</i>	Notre Dame Convent	Chicago
Pyle, Dora Alice, <i>s</i>	Warrensburg, Mo., State Normal	El Dorado Springs, Mo.
Quick, Eleanor L., <i>s</i>	Bloomsburg, Pa., State Normal s.	Little Rock, Ark.
Rabold, Mollie Henrietta, <i>s</i>	Peoria <i>hs.</i>	Peoria
Ramoso, Arnresto, <i>a</i>	San Isidro <i>hs.</i>	San Isidro, P. I.
Ramsay, Franklin Peirce, Jr., <i>s</i>	King c., Bristol, Tenn.	Bristol, Tenn.
Rawles, Juletha Oakes, <i>s</i>	Houghton Sem.	Beatrice, Neb.
Reckitt, Florence Howard, <i>w</i>	Radford a.	Chicago
Redwood, Cora Sposa, <i>s</i>	Mobile, Ala., <i>hs.</i>	Houston, Tex.
Reeves, Clyde Batsell, <i>s</i>	Grayson c.	Whitewright, Tex.
Regis, Sister Mary, <i>s</i>	St. Francis de Sales, Maysville, Ky.	Rock Island
Reichelt, Joy Louise, <i>a w</i>	Miss Wolcott's s., Denver	Chicago
Reider, Edith Shope, <i>a w</i>	Williamsport, Pa., <i>hs.</i>	Williamsport, Pa.
Reinke, Lottie, <i>s</i>	Columbian u., Washington, D. C.	Washington, D. C.
Reisenweber, Louise, <i>s</i>	South Division <i>hs.</i>	Chicago
Reubelt, Frances, <i>s</i>	A.M. Memphis Female inst.	Murfreesboro, Tenn.
Richardson, Charlotte, <i>s</i>	Private s.	St. Louis, Mo.
Richardson, Ella Moore, <i>w</i>	u. of Neb.	Lincoln, Neb.
Richmond, Edna Alice, <i>s</i>	Rochester Normal Training s.	Rochester, N. Y.
Riherd, Mary Belle, <i>s</i>	Liberty c., Glasgow, Ky.	Glasgow, Ky.
Ringo, Alethea Mahala, <i>s</i>	Missouri Normal s.	Kirksville, Mo.
Robb, Ena, <i>s</i>	Houston <i>hs.</i>	Houston, Tex.
Roberts, Ellen, <i>s</i>	Wellesley s. (Toronto)	Chicago
Roberts, Lewis Dillon, <i>s</i>	Kirksville, Mo., State Normal	Revere, Mo.
Robertson, William, <i>s</i>	Central c.	Fayette, Mo.
Robinson, Albert Jackson, <i>s</i>	u. of Texas	Hubbard City, Tex.
Robinson, Nathan John, <i>s</i>	Kalamazoo c.	Sheridan
Robinson, William Oliver, <i>a</i>		Logan, Utah
Rosalie, Sister M., <i>s</i>	Visitation a.	Rock Island
Rosenberger, Sophia, <i>s</i>	Kansas City <i>hs.</i>	Chicago

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NAME	SCHOOL OR INSTRUCTOR	HOME ADDRESS
Rosenow, Edward Charles, s	<i>Rush Medical c.</i>	Montana, Wis.
Ross, Abby Loretta, s	<i>Ohio Wesleyan u.</i>	Clinton
Rouse, Charles Albert, a w sp	<i>Peabody c. (Nashville)</i>	Seven Mile Ford, Va.
Rouse, Nora Kate, s	<i>u. of Texas</i>	Jacksboro, Tex.
Rowe, Antoinette Lockwood, a	<i>Warrenburg hs.</i>	Chicago
Russian, Wanda Magdalen Margaret, a w	<i>inst. of Manila</i>	Chicago
Samson, Bernardo, a w sp	<i>u. of Missouri</i>	Philippine Islands
Sanderson, Sadie, s	<i>u. of North Dakota</i>	Kansas City, Mo.
Sanford, Ina Viola, s	<i>Central Y. M. C. A.</i>	Grand Forks, N. D.
Sangdahl, Arthur Emil, sp	<i>Baylor, Texas, c.</i>	Chicago
Saunders, Carrie Kathleen, s	<i>Little Rock hs.</i>	Belton, Tex.
Savage, Lottie Scott, s	<i>Ohio Normal u.</i>	Corpus Christi, Tex.
Schader, Ernestine Adeline, s	<i>Oswego State Normal</i>	Little Rock, Ark.
Schaefer, Lena Augusta, s	<i>Schools in Germany</i>	Gratiot, O.
Scheck, Charles Christian, s	<i>Northern Illinois Normal s.</i>	Niagara Falls, N. Y.
Scherz, Theodore Jeannette, a	<i>Dixon Business c.</i>	Chicago
Schley, Eva Ormenta, s	<i>Heidelberg u.</i>	Topeka, Kan.
Schmertman, Louise, s	<i>u. of Missouri</i>	Freeport
Schmidt, Dorothy Charlotte, a	<i>Central Y. M. C. A.</i>	Chicago
Schoeni, Laure Marie, s	<i>Oshkosh State Normal s.</i>	Fond du Lac, Wis.
Schommer, John Joseph, a w sp	<i>Indiana State Normal s.</i>	Chicago
Schwede, Charles W., s	<i>Hyde Park hs.</i>	Sawyer, Wis.
Schwedes, Adele, s	<i>Eagle Grove, Ia., hs.</i>	Terre Haute, Ind.
Scobey, Kathrine Lois, a	<i>Radcliffe c.</i>	Chicago
Scott, Randolph Eugene, s	<i>St. Louis hs.</i>	Eagle Grove, Ia.
Segner, Marion Wallace, a w	<i>Baltimore Training s. for Teachers</i>	Waco, Tex.
Shallcross, Alice Lewis, s	<i>Valparaiso c.</i>	St. Louis, Mo.
Shamer, George P., s	<i>Chicago Normal s.</i>	Baltimore, Md.
Shaw, Mrs. Clara, a w	<i>State Normal s., Peru, Neb.</i>	Chicago
Shepherd, Edith Porter, s	<i>Georgetown hs.</i>	Chicago
Shipherd, Maude Evangeline, s	<i>Oswego, N. Y., State Normal s.</i>	Omaha, Neb.
Shouse, Mamie, a w sp	<i>Southern u., New Orleans</i>	Versailles, Ky.
Showers, Susan Hathaway, s	<i>Knox c.</i>	Ira, N. Y.
Simms, Frederick Francoz, s	<i>Iowa c.</i>	New Orleans, La.
Simms, Frederick Francoz, s	<i>St. Louis, Missouri, hs.</i>	Christine, N. D.
Skaarvold, Andrew A., s	<i>Oberlin c.</i>	Mendota
Skiles, Ethel McWhirter, a w	<i>New Castle, Pa., hs.</i>	Malcom, Ia.
Smiley, Thomas, s	<i>Beloit c.</i>	Chicago
Smith, Earl George F., s	<i>u. of Texas</i>	Chicago
Smith, Elizabeth, s	<i>Higbee s., Memphis, Tenn.</i>	New Castle, Pa.
Smith, Gertrude Mary, s	<i>Illinois State Normal s.</i>	Beloit, Wis.
Smith, Gilbert Morgan, s	<i>u. of Illinois School of Pharmacy</i>	Georgetown, Tex.
Smith, Landon Franklin, s	<i>Indiana State Normal</i>	Chicago
Smith, Sarah Bowles, a	<i>Portsmouth, O., hs.</i>	Milledgeville
Snell, Clara May, s	<i>Illinois State Normal u.</i>	Earlville
Snow, Clyde Mason, s		Carrollton
Sparks, Jasper R., s		Chicago
Sparks, Katharine C., a w		Austin
Spawr, Minnie Leonne, s		

THE UNCLASSIFIED STUDENTS

NAME	SCHOOL OR INSTRUCTOR	HOME ADDRESS
Spayd, Barbara Grace, <i>w sp</i>	Toledo, O., Normal s.	Toledo, O.
Speir, Ross Clair, <i>s</i>	u. of Alabama	Furman, Ala.
Spinks, Valeria Woods, <i>s</i>	Peabody c. for Teachers	Meridian, Miss.
Springsteen, Rosalie, <i>s</i>	Michigan State Normal	St. Joseph, Mo.
Staples, Junius Kemper, <i>a w sp</i>	inst. of Y. M. C. A.	Harrisonburg, Va.
Steagall, John Roscoe, <i>s</i>	Illinois State Normal u.	Golconda
Stedeford, Lotta <i>s</i>	Slippery Rock, Pa., Normal	Allegheny, Pa.
Stephenson, Eugene Austin, <i>s</i>	Adrian c.	Adrian, Mich.
Stevens, Beatrice, <i>s</i>	Asheville c.	Dyersburg, Tenn.
Stevens, Frank Howard, <i>s</i>	Indiana State Normal	Terre Haute, Ind.
Stewart, Elizabeth Bell, <i>s</i>	Ohio State Normal	New York City
Stier, Lillian, <i>s</i>	Leavenworth hs.	Leavenworth, Kan.
Stiles, Clara L., <i>s</i>	St. Cloud, Minn., Normal s.	St. Cloud, Minn.
Stockinger, Wesley Albert, <i>s</i>	Indiana State Normal	Rushville, Ind.
Stockwell, John Wesley, <i>s</i>	New Church Theological s. Portland, Me.	
	Southern Baptist Theological sem.	Chicago
Stout, Edwin Gillespie, <i>s</i>	Science Hill, Shelbyville, Ky.	Versailles, Ky.
Stout, Nellie Beart, <i>w</i>	Miami u.	Versailles, Ky.
Stuckey, Lorin, <i>s</i>	Hamilton c., Lexington, Ky.	Bloomingsburg, O.
Sublette, Jennie Brown, <i>s</i>	u. of Pennsylvania	Kansas City, Mo.
Suiter, Charles Edgar, <i>s</i>	La Porte, Ind., hs.	Philadelphia, Pa.
Swanson, Sadie Hildegard, <i>s</i>	Englewood hs.	La Porte, Ind.
Talcott, James Richard, <i>a w sp</i>	Fenton Normal s.	Chicago
Tanner, George Frederick, <i>s a w sp</i>	Peoria hs.	Buck Run, Mich.
Tarbell, Luella Marion, <i>s</i>	Millegan c.	Peoria
Tate, Laetitia L. C., <i>s</i>	Hyde Park hs.	Harriman, Tenn.
Tarbox, Horace H., <i>a w</i>	Kansas State Normal	Chicago
Taylor, Charles Henry, <i>s a w sp</i>	Wesleyan c., Macon, Ga.	Beloit, Kan.
Taylor, Seaton Chrystelle, <i>s</i>	Vanderbilt u.	Hawkinsville, Ga.
Thomas, Jessie, <i>s</i>	St. Johnsbury a., Vermont	Nashville, Tenn.
Thomas, Mary Roenah, <i>s</i>	State Normal, Peru, Neb.	Boston, Mass.
Thomson, Robert, <i>s</i>	Oberlin c.	Sioux, Neb.
Thorne, Florence Calvert, <i>s</i>	Rush Medical c.	Hannibal, Mo.
Tirnen, Richard Joseph, <i>a</i>	Indianapolis hs.	Chicago
Townsend, Caroline Irene, <i>s</i>	c. of Education, u. of Chicago	Indianapolis, Ind.
Truman, Charlotte Ella, <i>w</i>	Sam Houston Normal	San Francisco, Cal.
Turner, Nellie Antoinette, <i>s</i>	Chicago Manual Training s.	San Antonio, Tex.
Ullman, Henry Johnson, <i>w sp</i>		Chicago
Ury, Mabel, <i>a w sp</i>	M. D. Ohio Medical c.	Chicago
Urmston, William Butterfield, <i>s a w sp</i>	Hyde Park hs.	Chicago
Vail, Arthur Hamilton, <i>a w sp</i>	Central Normal c., Great Bend, Kan.	Chicago
Van Benthuyzen, Stephen Decatur, <i>s</i>	Peabody Normal	Onarga
Van Horn, Belle Randolph, <i>s</i>	Kansas State Normal	New Orleans, La.
Van Voris, William Arthur, <i>s</i>	Louisiana State Normal	Emporia, Kan.
Varnado Dean Edwards, <i>s</i>	Forest Park u., St. Louis	Amite, La.
Vaughan, Emma Pearl, <i>s</i>	Southern Female c., La Grange	Kirkwood, Mo.
Vaughan, Miriam Frances, <i>s</i>	u. of Michigan	La Grange, Ga.
Vaughn, Blanche, <i>s</i>	Harvard c.	South Bend, Ind.
Vaughn, Gertrude Lucile, <i>s</i>		South Bend, Ind.

THE UNCLASSIFIED STUDENTS

NAME	SCHOOL OR INSTRUCTOR	HOME ADDRESS
Vincent, Stella Burnham, <i>s a w sp</i>	<i>Oswego, N. Y., State Normal</i>	Hampton
Wadleigh, Matthew Fletcher, <i>s</i>	<i>Stevens Point State Normal s.</i>	Stevens Point, Wis.
Wait, Harriet B., <i>s</i>	<i>Wabash, Ind., hs.</i>	Wabash, Ind.
Walker, Lillian Pearce, <i>s</i>	<i>Girls' hs., Atlanta, Ga.</i>	Hawkinsville, Ga.
Walling, Frederica Christina, <i>w</i>	<i>Radcliffe c.</i>	Chicago
Wanda, Edith Martha, <i>s</i>	<i>Louisiana State Normal</i>	Roseland, La.
Ware, Ola Marie, <i>s a w sp</i>	<i>Public and Private schools</i>	Chicago
Waugh, Rosa, <i>s</i>	<i>Illinois State Normal</i>	Naperville
Weeks, Mabel Clare, <i>s</i>	<i>Washington, D. C., c.</i>	Paducah, Ky.
Weber, Lotta Louise, <i>s</i>	<i>Edinboro, Pa., State Normal</i>	East St. Louis
Weeks, Edith Isabell, <i>s</i>	<i>Cedar Rapids, Ia., hs.</i>	Cedar Rapids, Ia.
Westerfield, Marie, <i>s</i>	<i>Topeka, Kan., hs.</i>	Topeka, Kan.
Wetzel, Frank Slusser, <i>a w sp</i>	<i>Ohio Normal u., Ada, O.</i>	Elmore, O.
Whaley, John Henry, <i>s</i>	<i>Straight u., Mo.</i>	Mansfield, La.
Wheeler, Ward Henry, <i>w</i>	<i>Cornell c.</i>	Dysart, Ia.
Wheelock, Mildred Marie, <i>s</i>	<i>Valparaiso Normal</i>	Bedford, O.
White, James Jeremiah, <i>s</i>	<i>u. of Virginia</i>	Birmingham, Ala.
Whitfield, Charles John, <i>s</i>	<i>Normal s.</i>	Chicago
Whittington, Angie B., <i>s</i>	<i>West Des Moines hs.</i>	Des Moines, Ia.
Whitworth, James, <i>s</i>	<i>u. of Nashville</i>	Nashville, Tenn.
Wieser, Annette, <i>w sp</i>	<i>Ursuline a.</i>	Hico, Tex.
Wilcox, Maude Josephine, <i>a w sp</i>	<i>Miss Perklund's s.</i>	Chicago
Wile, William Henry, Jr., <i>a</i>	<i>u. of Pennsylvania</i>	Philadelphia, Pa.
Wilkes, Addie M. Smith, <i>a w</i>	<i>Miss Grant's Collegiate inst.</i>	Chicago
Wilkins, Louis Guy, <i>w</i>	<i>Lewis inst.</i>	Logansport, Ind.
Williams, Elgy Thomas, <i>sp</i>	<i>Indiana State Normal</i>	Acton
Williams, Lela, <i>s</i>	<i>Sam Houston Normal inst.</i>	Wills Point, Tex.
Williams, Lillian, <i>s</i>	<i>St. Louis hs.</i>	St. Louis, Mo.
Williams, Oliver Bliss, <i>s</i>	<i>Illinois c.</i>	Quincy
Williamsen, Gerry, <i>s a w sp</i>	<i>Morgan Park a.</i>	Chicago
Wilsie, Ethel Hannah, <i>s</i>	<i>Minnesota Normal s.</i>	Grand Meadow, Minn.
Wilson, Hannah Josephine, <i>s</i>	<i>Le Moyne s.</i>	Memphis, Tenn.
Wilson, James Riley, <i>s</i>	<i>Iowa State Normal</i>	Ocheyedan, Ia.
Witherspoon, Florence Pegues, <i>s</i>	<i>Central u. of Kentucky</i>	Louisville, Ky.
Witherspoon, Pauline Fulton, <i>s</i>	<i>Bryn Mawr c.</i>	Louisville, Ky.
Wolgamuth, Jemima Ellen, <i>s</i>	<i>Parsons hs.</i>	Parsons, Kan.
Wood, Edmund Baer, <i>s</i>	<i>u. of Kansas</i>	Newkirk, Okla.
Wood, Helen Loretta, <i>s</i>	<i>Fenton hs.</i>	Fenton, Mich.
Woodbury, Louise Elizabeth, <i>s</i>	<i>Louisville Girls' hs.</i>	Louisville, Ky.
Woodford, Ella Agalia, <i>s</i>	<i>Brighton, Ia., hs.</i>	Brighton, Ia.
Wyatt, Margaret Baynham, <i>s</i>	<i>Washington sm., Atlanta, Ga.</i>	Huntington, W. Va.
Yandell, Maud, <i>a</i>		Louisville, Ky.
Young, Frank Percival, <i>s</i>	<i>State Normal, Oshkosh, Wis.</i>	Appleton, Wis.
Yousephoff, Joachim, <i>s</i>	<i>Cliff c.</i>	Odessa, Russia

MEN—209

WOMEN—416

TOTAL—625

UNIVERSITY COLLEGE

GRADUATE STUDENTS

NAME	DEGREE; DEPT. OF STUDY	HOME ADDRESS
Abbott, Inez Louise, <i>a w</i>	A.B. (u. of Michigan) '06; (<i>Ibid.</i>) '08. English	Holt, Mich. Chicago
Abbott, Mabel, <i>a w</i>	Ph.B. (u. of Chicago) '08. Romance	Chicago
Adams, Mary Joice, <i>a w</i>	Ph.B. (u. of Michigan) '06; (<i>Ibid.</i>) '07. English	Chicago Chicago
Bartelme, Grace Jeannette, <i>a w</i>	A.B. (u. of Michigan) '01. History	Chicago
Borough, Mary Gertrude, <i>a w</i>	Ph.B. (u. of Chicago) '00. Philosophy	Chicago
Bronson, Christine Fredericka, <i>a w sp</i>	Ph.B. (u. of Michigan) '08. History	Morgan Park
Brookfield, Mary Palmierre, <i>a w sp</i>	S.B. (u. of Chicago) '02. English	Simcoe, Ont.
Brown, Edward Frederick, <i>a w</i>	A.M. (u. of Nebraska); (u. of Strassburg). Romance	Chicago
Buchholz, Laura Mullendore, <i>w</i>	L.B. (Oberlin c.) '89. Mathematics	Chicago
Carmody, Helen Loretta, <i>a w</i>	A.B. (u. of Chicago) '00. History	Chicago
Church, Harry Victor, <i>a w sp</i>	Ph.B. (u. of Chicago) '04. History	Berwyn
Clawson, Edith, <i>a</i>		
Cobb, Charles Carroll, <i>a</i>	A.B. (Williams c.) '35; A.M. (Northwestern u.) '04. Latin	Chicago
DeCew, Louisa Carpenter, <i>w</i>	S.B. (u. of Chicago) '08. Geology	Chicago
DeFrees, Mary Lucy, <i>a w</i>	A.B. (Vassar c.) '90. English	Chicago
Felt, Ada Amelia, <i>a w</i>	Ph.B. (u. of Chicago) '05. Psychology	Chicago
Fischer, Augustus Radcliffe, <i>a w sp</i>	Ph.B. (u. of Chicago) '06. History	Chicago
Fitzgerald, Ellen, <i>a</i>	Ph.B. (u. of Chicago) '08. Public Speaking	Chicago Chicago
Forbes, Bertha Van Hoesen, <i>a</i>	S.B. (u. of Illinois) '96	Urbana
Hagey, John Franklin <i>a w</i>	A.B. (u. of Chicago) '08. Romance	Chicago
Jackson, Grace Elizabeth, <i>a w sp</i>	A.B. (Wellesley) '01. Latin	Fort Wayne, Ind.,
Leigh, Charles Wilbur, <i>a w</i>	S.B. (u. of Illinois) '07. Mathematics	Chicago
Lucas, William Hardin, <i>a</i>	A.B. (Kentucky u.) '98. Political Economy	Paris, Ky.
Maier, Moses, <i>a w</i>	Ph.B. (u. of Chicago) '06. Geology	Chicago
Melody, Genevieve, <i>a w</i>	Ph.B. (u. of Chicago) '03. Philosophy	Chicago
Morse, Edward Leland Clark, <i>a w sp</i>	A.B. (Harvard u.) '77; LL.B. (Lake Forest u.) History	Chicago
Norton, Alice Peloubet, <i>w</i>	A.B. (Smith c.) '82; A.M. (<i>Ibid.</i>) '07. Chemistry	Chicago
Ohrenstein, Eda Dianah, <i>a w</i>	Ph.B. (u. of Chicago) '00. English	Chicago
Perkins, Mary, <i>a w</i>	Ph.B. (u. of Chicago) '07. English	Chicago
Pfeiffer, Lillie Anna, <i>a w</i>	Ph.B. (u. of Chicago) '01. Public Speaking	Chicago
Plant, Thomas Jefferson, <i>a w</i>	A.B. (Northwestern u.) '98. History	Chicago
Rice, Helen Annette, <i>a w</i>	L.B. (u. of Michigan) '98. Latin	Chicago
Roth, Louise, <i>a w</i>	Ph.B. (u. of Chicago) '00. English	Chicago
Schmidt, Lydia Marie, <i>a w</i>	L.B. (Heidelberg u.) '07; Ph.B. (u. of Chicago) '01. Romance	Chicago
Schmidt, Otto Gustave, <i>a w</i>	A.B. (Heidelberg u.) '99. History	Chicago
Schobinger, George, <i>a w</i>	A.B. (u. of Chicago) '05. Political Economy	Morgan Park

UNIVERSITY COLLEGE

NAME	DEGREE ; DEPT. OF STUDY	HOME ADDRESS
Sloan, Eliza Margarretta, <i>a w</i>	Ph.B. (u. of Chicago) '02. Education	Chicago
Solomon, Frieda Viola, <i>a w</i>	A.B. (u. of Chicago) '04. Philosophy	Chicago
Sperling, Mary Swett, <i>a</i>	Ph.B. (u. of Chicago) '08. Romance	Chicago
Stebbins, Althea Violet, <i>a</i>	Ph.B. (u. of Chicago) '09. History	Chicago
Stephen, Welthy, <i>sp</i>		Chicago
Taussig, Frances, <i>a</i>	Ph.B. (u. of Chicago) '04. Sociology	Chicago
Tenney, George Lee, <i>a w</i>	A.B. (u. of Denver) '04. Latin	Chicago
Thompson, Mabel C. Hedges, <i>a w sp</i>	Ph.B. (u. of Chicago) '05. Romance	Chicago
Ward, Laura Darlene, <i>a w</i>	A.B. (u. of Chicago) '04. Latin	Chicago
Wells, Frances Banister, <i>a w</i>	Ph.B. (u. of Chicago) '02. English	Oak Park
Wilson, Edna May, <i>a w sp</i>	Ph.B. (u. of Chicago) '05. History	Lebanon, Ind.
Wright, Wilbur Hoyt, <i>a</i>	A.B. (u. of Chicago) '06. Chemistry	Chicago
MEN — 14	WOMEN — 34	TOTAL — 48

SENIOR COLLEGE STUDENTS

NAME	PREVIOUS INSTITUTION	HOME ADDRESS
Barnet, Jeannette, <i>a w</i>	Junior c. (u. of Chicago)	Chicago
Bovee, Arthur Gibbon, <i>w</i>		Chicago
Breen, Frances, <i>w</i>		Chicago
Clark, Sybil Harriet, <i>a w sp</i>	Macalester c.	St. Cloud, Minn.
Colby, Francelia, <i>a w sp</i>	Chicago hs.	Chicago
Enoch, Albert Blaine, <i>w</i>		Chicago
Gibbons, Laura Evelyn, <i>a w</i>	South Division hs.	Chicago
Hall, Edith, <i>w</i>		Chicago
Horn, Luella May, <i>a</i>	Belleville (O.) hs.	Chicago
Johnson, Lillie Valnora, <i>a w sp</i>	u. of Leipsic	Oak Park
Kelly, Catherine Mary, <i>w sp</i>	Junior c. (u. of Chicago)	Chicago
Kiely, Katherine Josephine V., <i>a</i>	Junior c. (u. of Chicago)	Chicago
Lackner, Julius E., <i>w</i>		
Larrabee, Caroline, <i>w</i>		Chicago
Lockwood, Stephanie Vervait, <i>w sp</i>	Brussels (Belgium) hs.	Chicago
MacBride, Owen Earle, <i>a</i>	Hyde Park hs.	Chicago
McNally, Joseph Vincent, <i>a w</i>	Brookville (Ont.) c. inst.	Chicago
Mathews, William Gorham, <i>a</i>		Chicago
Newman, Annie Sherrard, <i>a w sp</i>	Delavan (Ill.) hs.	Chicago
Pedott, Joseph, <i>a w</i>	South Division hs.	Chicago
Randolph, Grace Olive, <i>sp</i>		Chicago
Rusch, Oscar Frederick, <i>a w</i>	German Evangelical Lutheran Teachers' sm.	Chicago
Scullin, Bertha, <i>w</i>		Chicago
Sisson, Frederick Myron, <i>a w sp</i>	u. of Michigan	Chicago
Skiles, William Vernon, <i>a w</i>	Junior c. (u. of Chicago)	Mendota
Snitjer, Agnes Rodatz, <i>a w sp</i>	South Division hs.	Chicago
Sommer, Julia Kate, <i>a w</i>	West Division hs.	Chicago
Stern, Gertrude, <i>a</i>		Chicago
Sumner, Henry W., <i>a w</i>	South Division hs.	Chicago
Towles, Caroline Montgomery, <i>a w sp</i>	La Grange c.	Chicago
Vincent, Grace, <i>a</i>		Chicago
Wright, Lagene Lavasa, <i>a w</i>		Chicago
MEN — 12	WOMEN — 20	TOTAL — 32

JUNIOR COLLEGE STUDENTS

NAME	PREVIOUS INSTITUTION	HOME ADDRESS
Adams, Mary Catherine, <i>a w</i>	<i>Drury c.</i>	Chicago
Allyn, Arthur Cecil, <i>a</i>		Chicago
Anderson, Annie Josephine, <i>a w</i>	<i>North Division hs.</i>	Chicago
Arnold, Minnie Mars, <i>a w</i>	<i>Robert Waller hs.</i>	Chicago
Bacon, Margaret Gray, <i>a w sp</i>	<i>Hyde Park hs.</i>	Chicago
Baker, Hart Edward, <i>a w</i>	<i>Englewood hs.</i>	Chicago
Bate, Edith Preston, <i>a w</i>	<i>Lake View hs.</i>	Chicago
Boyington, Jessie, <i>w</i>		Chicago
Campbell, Ella Isabella, <i>a w sp</i>	<i>Englewood hs.</i>	Chicago
Cann, Ethel May, <i>a w sp</i>	<i>West Division hs.</i>	Chicago
Chase, Cecil Marie, <i>a w</i>	<i>u. of Minnesota</i>	Morgan Park
Crandall, Irene Jean, <i>a w</i>	<i>Armour inst.</i>	Chicago
Dal, Libbie Ethelynn, <i>a w</i>	<i>Normal Training s.</i>	Chicago
Dillon, Augustus Reynolds, <i>a w sp</i>	<i>Lynn, Mass., hs.</i>	Chicago
Doolin, Adrian Michael, <i>a w</i>	<i>South Division hs.</i>	Chicago
Dorn, Harold Wesley, <i>a w</i>	<i>Calumet hs.</i>	Chicago
Drom, Beulah Esther, <i>a w</i>	<i>West Division hs.</i>	Chicago
Duffy, Agnes Dana, <i>a w</i>	<i>Lewis inst.</i>	Chicago
Dunn, Peter Francis, <i>w</i>		Chicago
Dunne, Marie Aloysia, <i>a w</i>	<i>Sacred Heart a.</i>	Chicago
Eastman, Helen Baker, <i>a w</i>	<i>West Division hs.</i>	Chicago
Enander, Hilma Lewis, <i>a w</i>	<i>Chicago Normal s.</i>	Chicago
Eppstein, Aaron R., <i>a w</i>		Chicago
Ferguson, Daniel Webster, <i>w</i>		Chicago
Grant, Myra Louise, <i>a w sp</i>	<i>Galva hs.</i>	Chicago
Gray, Edith Venus, <i>a w</i>	<i>Blue Island hs.</i>	Chicago
Hagen, Caroline Pauline, <i>a w</i>	<i>Cook County Normal s.</i>	Chicago
Harper, Jesse Clair, <i>w</i>	<i>Junior c. (u. of Chicago)</i>	Chicago
Hill, Nancy, <i>w</i>	<i>Hyde Park hs.</i>	Chicago
Howe, Alice, <i>a w</i>	<i>Chicago Normal s.</i>	Chicago
Jackson, Harry, <i>a w</i>	<i>West Division hs.</i>	Chicago
Jamison, Thomas Cumming M., <i>a w</i>	<i>English hs. and Manual Train- ing s.</i>	Chicago
Jordan, Charles Buckner, <i>w</i>		Chicago
Kelly, Eleanor, <i>a w</i>	<i>Englewood hs.</i>	Chicago
Latchem, Charles Earle, <i>sp</i>		Chicago
Laux, Mary, <i>a w</i>	<i>North Division hs.</i>	Chicago
Law, George Warrington, <i>w</i>		Chicago
League, Paul Mark, <i>a w sp</i>	<i>Lewis inst.</i>	Chicago
Lessem, Josephine, <i>a w sp</i>	<i>Quincy hs.</i>	Quincy
Lilly, Faith Ronald, <i>a w</i>	<i>Englewood hs.</i>	Chicago
Lockwood, Stephanie Vervait, <i>a w sp</i>		Chicago
MacCarthy, Elinore Blanche, <i>a w</i>	<i>Englewood hs.</i>	Chicago
Madden, Margaret, <i>a w</i>	<i>Joseph Medill hs.</i>	Chicago
Michael, Harry, <i>a w sp</i>	<i>Northwest Division hs.</i>	Chicago
Miller, Marinda Winsor, <i>a w</i>	<i>Cook County Normal s.</i>	Chicago
Mills, Olive Edna, <i>a w</i>	<i>Chicago Normal s.</i>	Chicago
O'Donnell, Margaret Henrietta, <i>a w</i>	<i>Chicago Normal s.</i>	Chicago
Pierce, Caroline May, <i>a w</i>	<i>Chicago inst.</i>	Chicago

UNIVERSITY COLLEGE

NAME	PREVIOUS INSTITUTION	HOME ADDRESS
Reeder, Louis, <i>a w</i>	<i>Chicago Normal s.</i>	Chicago
Reynolds, Azile Belle, <i>a w</i>	<i>Baird c., Clinton, Mo.</i>	Chicago
Rhodes, Earl Niblack, <i>a w</i>		
Riddle, Mary Althea, <i>a w</i>	<i>Bryn Mawr c.</i>	Chicago
Routh, Elsie Matilda, <i>a w sp</i>	<i>Lake hs.</i>	Chicago
Schottenfels, Gertrude Ruth, <i>a w</i>	<i>West Division hs.</i>	Chicago
Shelley, Elizabeth Agatha, <i>a w</i>	<i>West Division hs.</i>	Chicago
Skora, Natalie Helen, <i>a w sp</i>	<i>West Division hs.</i>	Chicago
Thiel, Elizabeth, <i>a w</i>	<i>South Division hs.</i>	Chicago
Trembor, Nellie Evelyn, <i>a w</i>	<i>Freeport hs.</i>	Evanston
Vance, Harriet, <i>w</i>		Chicago
Verhoeven, Eleanor May, <i>a w</i>	<i>Thorntown Township hs.</i>	Harvey
Ward, Mary Elizabeth, <i>a w</i>	<i>South Division hs.</i>	Chicago
Weber, Abraham Lincoln, <i>a w</i>	<i>West Division hs.</i>	Chicago
Zeisler, Helen, <i>a</i>	<i>West Division hs.</i>	Chicago
MEN—19	WOMEN—44	TOTAL—83

UNCLASSIFIED STUDENTS

NAME	PREVIOUS INSTITUTION	HOME ADDRESS
Abrahamson, Anna Marie, <i>a</i>		Chicago
Adams, Edwin A., <i>sp</i>		Chicago
Adams, William King, <i>a w sp</i>	<i>Harvard s.</i>	Chicago
Allen, Garrett L., <i>a</i>		Oak Park
Anderson, John Albert, <i>a w sp</i>	<i>Association c.</i>	Chicago
Anderson, Oscar Edward, <i>a w sp</i>	<i>Y. M. C. A. c.</i>	Riverside
Anderson, Frank Leonard, <i>sp</i>		Chicago
Armstrong, Arthur H., <i>sp</i>		Oak Park
Arthur, Lucy Anne, <i>a w sp</i>	<i>Ladies' c., Edinburgh, Scotland</i>	Chicago
Ash, Annie Eliza, <i>a w</i>	<i>Cook County Normal s.</i>	Chicago
Austenat, Margaret Sunderman, <i>a w</i>	<i>Valparaiso c.</i>	Chicago
Ayers, Evelyn Benedict, <i>a w</i>	<i>Emerson c.</i>	Verona, N. Y.
Bagshawe, Theodosia, <i>a w</i>	<i>Chicago Athenæum</i>	Chicago
Baird, Catherine Lavinia, <i>a w</i>	<i>Col. inst., Gault, Ont.</i>	Chicago
Bane, Edith, <i>a w</i>	<i>Washington, Pa., sm.</i>	Washington, Pa.
Barnard, Florence, <i>a</i>	<i>South Division hs.</i>	Chicago
Barr, Hester Ann, <i>a w sp</i>	<i>Cook County Normal s.</i>	Chicago
Baumrucker, William, <i>a</i>	<i>English hs. and Manual Train- ing s.</i>	Chicago
Baxter, Gladys Russell, <i>w</i>		Chicago
Becker, Kate Friedman, <i>w</i>		Evanston
Belden, Florence Frances A., <i>a w</i>	<i>Common s. sm.</i>	Chicago
Benner, Adolph Louis, <i>a w sp</i>	<i>Chicago Athenæum</i>	Chicago
Betts, Leon Meredith, <i>a w</i>	<i>Union Mills, Md. hs.</i>	Chicago
Bill, Lilius Ella, <i>a w</i>	<i>South Side a.</i>	Evanston
Blish, Elizabeth Mary, <i>a w</i>	<i>St. Xavier's a.</i>	Chicago
Blish, Louise Ernestine, <i>a w</i>	<i>St. Xavier's a.</i>	Chicago
Blynn, Edith Mainard, <i>a w</i>	<i>Private instruction</i>	Chicago
Bogan, William Joseph, <i>a w</i>	<i>Ann Arbor, Mich., hs.</i>	Chicago
Boswell, Fred Alden, <i>a w</i>	<i>North Indiana Normal s.</i>	Chicago

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NAME	PREVIOUS INSTITUTION	HOME ADDRESS
Boynton, Melbourne Parker, <i>sp</i>		
Breese, Jane Clara, <i>a w</i>	<i>Chicago College of Law</i>	Chicago
Brown, Jeannette Swan, <i>a w</i>	<i>Radcliff c.</i>	Chicago
Bryant, Sarah Amanda, <i>a</i>	<i>Hering Medical s.</i>	Chicago
Burita, Anna M., <i>w</i>		
Burke, Charles Francis, <i>a w sp</i>	<i>Hyde Park hs.</i>	Chicago
Campbell, Elizabeth, <i>a w</i>	<i>N. Y. State Normal s.</i>	Chicago
Carney, Chester Sherman, <i>a</i>		Bay City, Mich.
Carpenter, D. Agnes, <i>a w</i>	<i>Oshkosh, Wis., State Normal s.</i>	Chicago
Carson, Frank M., <i>sp</i>		Chicago
Carroll, Florence Edith, <i>a w</i>	<i>Cherokee, Ia., hs.</i>	Chicago
Casey, Francis Jeremiah, <i>a w</i>	<i>Chicago Kent c. of Law</i>	Chicago
Chamberlin, Anna L., <i>w</i>		Chicago
Chandler, Beth, <i>a w</i>	<i>Lake View hs.</i>	Chicago
Chandler, Helen, <i>a</i>	<i>Lake View hs.</i>	Chicago
Chandler, Sophia, <i>a w</i>	<i>Lake View hs.</i>	Chicago
Chapin, Annette, <i>a w</i>	<i>North Division hs.</i>	Chicago
Cheadle, Queen, <i>a w</i>	<i>Coates c.</i>	Chicago
Church, Emma M., <i>a w</i>	<i>Pratt inst.</i>	Chicago
Clark, Fra F., <i>a</i>		Chicago
Clark, Sybil Harriet, <i>a w sp</i>		Chicago
Clark, Walter Lyman, <i>a w sp</i>		Chicago
Claussen, Claus Henry, <i>a w</i>	<i>Galesburg u.</i>	Chicago
Colby, Eva, <i>w</i>		Chicago
Colby, Elizabeth Marion, <i>a</i>		Natick, Mass.
Coppersmith, Ella, <i>a w sp</i>		Chicago
Corbett, Lutie Adelaide, <i>a w</i>	<i>Wheaton hs.</i>	Oak Park
Covert, William C., <i>sp</i>		Chicago
Craddock, John F., <i>a w</i>	<i>West Division hs.</i>	Chicago
Craney, Mary Emily, <i>w</i>		Chicago
Curtiss, A. L., <i>a</i>		Chicago
Curtiss, Edward H., <i>sp</i>		Chicago
Dameier, Mary Henrietta, <i>a w</i>	<i>Cook County Normal s.</i>	Chicago
Davies, J. H. W., <i>a</i>		Chicago
DeLagneau, Rachel Lea, <i>a w</i>		Chicago
Denman, Daniel T., <i>sp</i>		Oak Park
Denton, Charles Elias, <i>a w</i>	<i>Jackson, Mich., hs.</i>	Chicago
Dewhurst, Frederick E., <i>sp</i>		Chicago
Diment, Mabel M.		Chicago
Dineen, Ella, <i>a w</i>	<i>Danville, hs.</i>	Chicago
Doede, Louise S., <i>a w</i>		Berwyn
Doherty, Anna Gertrude, <i>a w</i>	<i>West Division hs.</i>	Chicago
Dolton, Isabella, <i>a w</i>	<i>Northwestern u.</i>	Dolton
Downey, Elzy Franklin, <i>a w</i>	<i>Illinois State Normal u.</i>	Clyde
Dracass, Carrie E. Tucker, <i>a w</i>	<i>Ottawa hs.</i>	Chicago
Draeger, Oscar Winifried, <i>a w</i>	<i>Association c.</i>	Oak Park
Dunne, Helena Aloysia, <i>a w</i>	<i>Chicago Normal</i>	Chicago
Durr, Anne, <i>a w</i>	<i>Wallace hs.</i>	Chicago
Dyer, Nettie Louise, <i>a w</i>	<i>West Division hs.</i>	Chicago

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NAME	PREVIOUS INSTITUTION	HOME ADDRESS
Eberhart, Georgiana Florence, <i>a w</i>	<i>West Division hs.</i>	Chicago
Elfrink, Blanche Mayes, <i>a w</i>	<i>Pomona c.</i>	Chicago
Elkington, Charles Sutherland, <i>a w sp</i>	<i>Grammar s., Grand Haven, Mich.</i>	Chicago
Englehard, Mrs. Benjamin M., <i>a</i>		Chicago
English, Frances Clark, <i>a w</i>	<i>Wooster hs.</i>	Chicago
Espey, Evelyn Boylan, <i>a</i>		Chicago
Farnsworth, Jessie Evelyn, <i>a w</i>	<i>St. Patrick's s.</i>	Chicago
Favor, Myrtle Adeline, <i>a w</i>	<i>Monmouth State Normal s.</i>	Chicago
Feeney, Margaret Marcelline, <i>a w</i>	<i>Chicago Normal s.</i>	Chicago
Fenno, Grace Lee, <i>w</i>	<i>Iowa c.</i>	Palos Park
Finch, Lucine, <i>a</i>	<i>Armour inst.</i>	Birmingham, Ala.
Flentye, Mae Irene, <i>a</i>		Chicago
Foreman, Anna, <i>a</i>	<i>Illinois State Normal s.</i>	Jacksonville
Fort, Clara E., <i>w</i>		Chicago
Fox, Daniel Bass, <i>a</i>	<i>Central Y. M. C. A.</i>	Chicago
Franklin, Anna Elizabeth, <i>a w</i>	<i>Hyde Park hs.</i>	Chicago
Franks, Mae, <i>a w</i>	<i>Kendallville, Ind., hs.</i>	Kendallville, Ind.
Freeman, Abigail Alden, <i>a w</i>		Chicago
Frush, Mabel A., <i>a w</i>	<i>Columbia c. of Expression</i>	Chicago
Gagan, Anna Agatha, <i>a w sp</i>	<i>Janesville hs.</i>	Chicago
Gardiner, Florence Edna, <i>a w</i>	<i>Stevens Pt., Wis., State Normal s.</i>	Oak Park
Gardiner, Elizabeth Allen, <i>a w</i>	<i>Private instruction</i>	Chicago
Gardner, Sarah Burleigh, <i>a</i>	<i>Orange, N. J., hs.</i>	Chicago
Gaylord, Louise, <i>a</i>		Chicago
Gifford, May, <i>w</i>	<i>Valparaiso, Ill., Normal s.</i>	Kankakee
Gitt, Kenie Montesdeoca, <i>a</i>	<i>Dayton, Ky., hs.</i>	Chicago
Gordan, Edgar B., <i>a</i>		Chicago
Gorton, Louie Agnes, <i>a w</i>	<i>Heliman Kindergarten Normal s.</i>	Chicago
Gray, Hester, <i>a w</i>	<i>Ypsilanti State Normal c.</i>	Cadillac, Mich.
Greene, John Kent, <i>a w</i>	<i>Ottawa Township hs.</i>	Chicago
Greene, Benjamin Allen, <i>sp</i>		Evanston
Grell, Elizabeth, <i>a w</i>	<i>Cook County Normal s.</i>	Chicago
Griggs, Daisy M., <i>a</i>		Topeka, Kan.
Griswold, Eva, <i>a w</i>	<i>Hellmuth, Ont., c.</i>	Chicago
Halley, Della Charlotte, <i>a w</i>	<i>Hyde Park hs.</i>	Chicago
Hamburger, Rae, <i>a</i>	<i>Froebel Association</i>	Chicago
Hanson, Ellen, <i>a w</i>	<i>Newton, Mass., hs.</i>	Chicago
Harbers, Endora Blanding, <i>a</i>	<i>Chicago Athenaeum</i>	Chicago
Hart, F. W., <i>a</i>		Chicago
Hayde, Mary Agnes, <i>a w</i>	<i>Private instruction</i>	Chicago
Hayes, Sarah Jane, <i>a w sp</i>	<i>Chicago Normal s.</i>	Chicago
Heale, George Paul, <i>a w</i>	<i>Normal c.</i>	Lake Forest
Heath, Helen M., <i>w</i>		Chicago
Hecht, Rudolph Simon, <i>a w sp</i>	<i>Frankenthal Gymnasium, Germany</i>	Chicago
Hecker, Stella Muriel, <i>a</i>	<i>Private instruction</i>	Elgin
Hegner, Ida Elizabeth, <i>sp</i>		Chicago
Heilman, Mary E., <i>w</i>		Chicago
Hein, Arthur Henry, <i>a</i>	<i>Public Grammar s.</i>	Chicago
Hellmann, Martha, <i>a</i>	<i>Chicago Normal s.</i>	Chicago

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NAME	PREVIOUS INSTITUTION	HOME ADDRESS
Herzog, Ottilie, <i>a w</i>	<i>St. Louis Normals.</i>	Chicago
Heyman, A. C., <i>a</i>		Chicago
Hill, Stephen, <i>a w</i>	<i>Northwest Division hs.</i>	Chicago
Hirsch, Maurice Levy, <i>a w</i>	<i>Lewis inst.</i>	Chicago
Hitchcock, Mrs. Charles, <i>w</i>		Chicago
Hock, Alvin S., <i>a</i>		Chicago
Hofeldt, George John, <i>a w</i>	<i>Lewis inst.</i>	Chicago
Holcomb, Anna E., <i>a w</i>		Berwyn
Holmes, Helen Angell, <i>a w</i>	<i>Ada Normal s.</i>	Oak Park
Holmes, Helen Mary, <i>a w</i>	<i>Edinburgh hs.</i>	Chicago
Holmes, Martha C., <i>w</i>		Chicago
Hopkins, Daisey Edna, <i>a w</i>		Chicago
Hoyle, Viola Maw, <i>a w sp</i>	<i>Racine hs.</i>	Racine, Wis.
Hubbard, Lyman Josiah, <i>a w</i>	<i>Hyde Park hs.</i>	Chicago
Hunt, Mabel Cloera, <i>a w</i>	<i>Onwego hs.</i>	Chicago
Icke, Mary Helen, <i>w</i>		Chicago
Imhoff, Matilda, <i>a</i>	<i>St. Joseph, Mo., hs.</i>	Chicago
Ingham, Alice, <i>a w</i>		Berwyn
Jackman, Ellen Reis, <i>a w</i>	<i>Pennsylvania State Normal s.</i>	Chicago
Jackson, John L., <i>sp</i>		Chicago
Janney, Almeda May, <i>a w</i>		Berwyn
Johansson, E., <i>a</i>		Chicago
Johnson, Riley Oren, <i>a w</i>	<i>u. of Illinois</i>	Chicago
Jordan, Lillie Maude, <i>w</i>		Chicago
Keeler, Emma Grace, <i>a w</i>	<i>Lyons Township hs.</i>	Chicago
Keith, Kate, <i>a w</i>		Chicago
Kerr, Mary Sherrard, <i>a</i>		Fulton, Mo.
King, Grace Estella, <i>a w</i>	<i>Thornton Township hs.</i>	Harvey
Kirby, Nellie Frances, <i>a w</i>	<i>Dearborn sm.</i>	Chicago
Kluge, Bruno, <i>a w</i>	<i>Real Gymnasium, Germany</i>	Chicago
Knabjohann, Anna Marie, <i>a w</i>	<i>West Division hs.</i>	Chicago
Laidlaw, Gilbert W., <i>sp</i>		Chicago
Lamar, Clyde Park, <i>a w sp</i>	<i>Northwestern u.</i>	Chicago
Lancaster, Jetta, <i>a w</i>	<i>Cook County Normal s.</i>	Chicago
Lane, Margaret, <i>a w</i>	<i>Toledo, O., hs.</i>	Chicago
Lane, Sadie M., <i>a w</i>	<i>Wesleyan u.</i>	Chicago
Latham, Eva Ardilla, <i>a w</i>	<i>Cook County Normal s.</i>	Chicago
Latus, Margaret, <i>a</i>		Chicago
Leland, Clarence R., <i>a w sp</i>		Chicago
Lilley, Henrietta M.,		Chicago
Livingston, Mary Buchanan, <i>w</i>	<i>Cook County Normal s.</i>	Chicago
Lowrance, Eva May, <i>a w</i>	<i>Parsons c.</i>	Chicago
Luce, Elizabeth, <i>w</i>		Chicago
Luccock, G. M., <i>sp</i>		Chicago
Lyons, Evelyn, <i>w</i>		Chicago
McCorquodale, Lilly Carlisle, <i>a w sp</i>	<i>Jefferson hs.</i>	Chicago
McCredie, Emma Margaret, <i>a w</i>	<i>Chicago Normal s.</i>	Chicago
MacDougall, Mary Donald, <i>a w</i>	<i>Jarvis State c., Toronto.</i>	Chicago
Madigan, John Edward, <i>a w</i>		Chicago

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NAME	PREVIOUS INSTITUTION	HOME ADDRESS
Maine, Helen Caldwell, <i>a w sp</i>	<i>Rogersville Synodical c., Tenn.</i>	Chicago
Mandel, Sarah Alice, <i>a w</i>	<i>South Division hs.</i>	Chicago
Mannhardt, Meta Clementine, <i>a w</i>	<i>Chicago Normal s.</i>	Chicago
Mars, Grace Eugenia, <i>a w</i>	<i>Southwest Kansas c.</i>	Chicago
Marshall, James Trimble, <i>sp</i>		Oak Park
Martin, John T., <i>sp</i>		Chicago
Mason, James Rupert, <i>a w</i>	<i>St. John's Military Academy</i>	Chicago
Mason, Grace Susan, <i>a w</i>	<i>Rockford c.</i>	Chicago
Meahl, Louis J., <i>a</i>	<i>English hs., & Manual Training s.</i>	Chicago
Medary, Anna, <i>a</i>		Philadelphia, Pa.
Merrill, Katherine Fennimore, <i>w</i>	<i>Art Institute</i>	Chicago
Merrill, William P., <i>sp</i>		Chicago
Metcalf, Anna Wolcott, <i>a</i>		Lake Forest
Miers, Hannah, <i>a w</i>	<i>Chicago Normal s.</i>	Chicago
Miller, Anna Blanche, <i>a</i>	<i>Northwestern u.</i>	Canton
Miller, Malcom, <i>a</i>		Chicago
Mohan, Harriett Probasco, <i>a</i>		Chicago
Moore, Delbert William, <i>a</i>	<i>Brookfield c., Brookfield, Mo.</i>	Brookfield, Mo.
Moran, Ethel, <i>a w</i>	<i>Chicago Normal s.</i>	Chicago
Morehouse, Ernest, <i>w</i>		Chicago
Morrison, Hilda Avelyn, <i>a w</i>	<i>Oak Park hs.</i>	River Forest
Morse, Lucia Burton, <i>a w</i>	<i>Chicago Kindergarten c.</i>	Riverside
Mosman, Lucy Virginia, <i>a w</i>	<i>Pratt inst.</i>	Evanston
Mower, Elsa Durand, <i>a w</i>	<i>Mt. Vernon sm., Washington, D.C.</i>	Chicago
Moynihan, Humphrey Joseph, <i>a w</i>	<i>South Division hs.</i>	Chicago
Mueller, Albert Christopher, <i>a w</i>	<i>North Division hs.</i>	Chicago
Murphy, Frances Ayers, <i>a w</i>	<i>Illinois Normal u.</i>	Dixon
Nicholas, Sarah Fitch, <i>a w</i>	<i>St. Mary's Hall, Burlington, N. J.</i>	Chicago
Norton, Blanche, <i>a</i>		Chicago
Obergfell, John Mathias, <i>a w</i>	<i>Bryant & Stratton Business c.</i>	Oak Park
O'Connor, Blanche A., <i>a w</i>	<i>Lewis inst.</i>	Chicago
O'Hearn, Daniel Frank, <i>a w</i>	<i>South Division hs.</i>	Chicago
Oliver, Maude Isabella Gray, <i>a w</i>	<i>South Division hs.</i>	Chicago
Olsen, Anna E., <i>a</i>		Chicago
Osborn, Lillian, <i>a w</i>	<i>Fredonia, N. Y., State Normal s.</i>	Chicago
Palmer, Jennie, <i>a w</i>	<i>Pratt inst.</i>	Evanston
Parke, Mila, <i>w</i>		Chicago
Parker, Rose, <i>a w</i>	<i>Central Normal c., Indiana</i>	Chicago
Parker, Frederick Charles, <i>a w</i>	<i>Arkansas City, Kan., hs.</i>	Oak Park
Parks, Evelyn A., <i>a</i>		Chicago
Parminster, Grace E., <i>a</i>		Chicago
Patterson, Iva Fern, <i>a</i>		Minneapolis, Minn.
Patterson, Martha, <i>a w</i>	<i>State Normal u., Normal</i>	Evanston
Pattison, Isabel, <i>a w</i>		Chicago
Pennywitt, Bess, <i>a</i>		Manchester, O.
Perry, Elizabeth, <i>a w</i>		Chicago
Phillips, Dean Richard, <i>a w</i>	<i>Chicago c. of Dental Surgery</i>	Chicago
Phillips, Mary Bassett, <i>a w</i>	<i>Glenwood Ladies' sm., West Brattleboro, Vt.</i>	Chicago

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NAME	PREVIOUS INSTITUTION	HOME ADDRESS
Pierce, Marguerite, <i>w</i>		Oak Park
Pike, Effie Melvina, <i>a w</i>	<i>Illinois State Normal u.</i>	Chicago
Pingree, Elizabeth, <i>a w</i>	<i>Hyde Park hs.</i>	Chicago
Pitsch, Otto Lewis, <i>a</i>	<i>Michigan City hs.</i>	Chicago
Plapp, F. W., <i>sp</i>		Chicago
Plum, Nana E., <i>a w</i>		Olyde
Powell, Ida Amanda, <i>a w</i>	<i>c. Inst., Chatham, Ont.</i>	Chatham, Ont.
Powers, Mary Aloysia, <i>a w</i>	<i>St. Elizabeth's hs.</i>	Chicago
Pratt, Jeannette Irene, <i>a w</i>	<i>Morris hs.</i>	Chicago
Prentiss, Marion Curtis, <i>a w sp</i>	<i>Aurora hs.</i>	Chicago
Reissenweber, Clara, <i>a w</i>	<i>South Division hs.</i>	Chicago
Reissenweber, Louise, <i>a w</i>	<i>South Division hs.</i>	Chicago
Rennie, Burnett B., <i>a w sp</i>	<i>Calumet hs.</i>	Chicago
Richter, Augusta, <i>a w sp</i>	<i>Northwestern u.</i>	Chicago
Robertson, Arthur Hampton, <i>a w</i>	<i>Maplewood hs.</i>	Chicago
Robertson, Cora, <i>a w</i>		Berwyn
Robison, Frank Wilmer, <i>a w</i>		Dolton
Rolf, Abraham A., <i>a w</i>	<i>Chicago c. of Law</i>	Chicago
Rolf, Josephine Norton, <i>a</i>	<i>Chicago hs.</i>	Chicago
Rosenblum, Emanuel, <i>a w sp</i>	<i>West Division hs.</i>	Chicago
Roes, Charles Wilson, <i>a w</i>	<i>Wingham, Ontario, s.</i>	Chicago
Rowe, Antoinette Lockwood, <i>a w</i>		Chicago
Royston, Anne Brown, <i>a w</i>	<i>Cook County Normal s.</i>	Lancaster, Ky.
Rumbaugh, Ella, <i>a w</i>	<i>Cook County Normal s.</i>	Chicago
Salter, Pearl, <i>w</i>		Chicago
Sayers, Harriet, <i>a w</i>	<i>Toronto Normal s.</i>	Morgan Park
Schaff, Matilda Cecilia, <i>a w</i>	<i>North Division hs.</i>	Chicago
Scherz, Theodore Jeannette, <i>a w</i>		Chicago
Schmidt, Ellen, <i>a</i>		Chicago
Scott, Mabel Emma, <i>a w</i>	<i>Lewis Inst.</i>	Berwyn
Secrest, John Henry, <i>a w sp</i>		Berwyn
See, Helene M., <i>w</i>		Chicago
Shaver, Ida Agnes, <i>a w</i>		Chicago
Shaw, Alfred Smith, <i>a w</i>	<i>Watson's Business c.</i>	Chicago
Sheehan, Frances E., <i>a</i>		Chicago
Shelley, Mary Brosnan, <i>a w</i>	<i>St. Columba's Academy</i>	Chicago
Shepherd, Edith Porter, <i>a w</i>	<i>Chicago Normal s.</i>	Chicago
Shoenberger, Diana, <i>a</i>	<i>Chicago Missionary Training s.</i>	Chicago
Shoyer, Alice, <i>a w</i>	<i>Chicago hs.</i>	Chicago
Silliman, Alice Perry, <i>a w</i>	<i>St. Louis hs.</i>	Chicago
Simonson, Lucy Clarke, <i>a w</i>		Berwyn
Simpson, Isa, <i>a w</i>		Chicago
Sinclair, Edna, <i>a w</i>	<i>Chicago Normal s.</i>	Chicago
Slattery, Anise, <i>a w</i>		Chicago
Smith, Alberta M., <i>a</i>		Chicago
Smith, Anna P., <i>a</i>		Chicago
Smith, Annie Lindsay, <i>a</i>	<i>South Division hs.</i>	Chicago
Smith, Gertrude B., <i>a</i>		Chicago
Smith, Elizabeth, <i>a w</i>	<i>Oberlin c.</i>	Chicago

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NAME	PREVIOUS INSTITUTION	HOME ADDRESS
Smith, Elmer Albert, <i>a w</i>	<i>u. of Colorado</i>	Chicago
Smith, Lizzie Campbell, <i>a w</i>		Chicago
Smith, Lucy Percival, <i>a w</i>		Berwyn
Smith, Mrs. Olin Cole, <i>a w</i>		Chicago
Snowden, Joanna C., <i>a</i>		Chicago
Snyder, Alice Bourne <i>a w</i>	<i>Mrs. Holman's s.</i>	Chicago
Solberg, Mary, <i>a w</i>	<i>Mantlowoc hs.</i>	Chicago
Spawr, Minnie Beonne, <i>a w sp</i>	<i>Illinois State Normal u.</i>	Chicago
Spencer, Lucy, <i>a w</i>	<i>S. Belvidere hs.</i>	Chicago
Springer, Charles Duncan, <i>a w</i>	<i>Old u. of Chicago</i>	Chicago
Stahl, Frank Wimebert, <i>a w</i>	<i>Avilla, Ind., Normal s.</i>	Chicago
Stanley, Louise, <i>w</i>		Chicago
Starbuck, Ada Curtis, <i>a</i>	<i>Joliet hs.</i>	Chicago
Stock, Anna Katherine, <i>a w sp</i>	<i>West Division hs.</i>	Chicago
Stone, Cynthia Lemira, <i>w</i>	<i>Vassar c.</i>	Chicago
Stryker, Florence E., <i>a w</i>	<i>Englewood hs.</i>	Chicago
Swett, Mary Adelaide, <i>a w</i>		Chicago
Taylor, Winifred Barrett, <i>a</i>		Chicago
Taylor, Charles Henry, <i>sp</i>		Dwight, Kan.
Taylor, Mary, <i>a w</i>	<i>Jefferson hs.</i>	Chicago
Thoms, James P., <i>sp</i>		Chicago
Tilsy, Carrie, <i>a</i>	<i>Lockwood hs.</i>	Orland
Toates, William Henry, <i>a</i>	<i>Plainwell, Mich., hs.</i>	Chicago
Tontz, James G., <i>a</i>		Chicago
Torrey, Laura A., <i>a w</i>	<i>Manchester, Mich., hs.</i>	Chicago
Tschan, Francis Joseph, <i>a w</i>	<i>St. Ignatius c.</i>	LaGrange
Turnbaugh, Nora Belle, <i>w</i>	<i>Lewis Inst.</i>	Chicago
Tuttle, Edna Earl, <i>a w</i>	<i>West Division hs.</i>	Chicago
Twohig, Jennie Gertrude, <i>a w</i>	<i>West Division hs.</i>	Chicago
Twohig, Mary Elizabeth, <i>a</i>	<i>West Division hs.</i>	Chicago
Ustick, Ella Natalie, <i>a w</i>	<i>Kenwood Inst.</i>	Chicago
Vance, Mary Eliza, <i>a w</i>	<i>Private Instruction</i>	Chicago
Verhoeven, Mary E., <i>a w</i>	<i>Hyde Park hs.</i>	Harvey
Vieth, Frederick Jacob, <i>a w sp</i>	<i>Lake Hs.</i>	Chicago
Vosburgh, Nellie Graham, <i>a w</i>	<i>Quincy hs.</i>	Chicago
Wahl, Edward Fred, <i>a w sp</i>	<i>Northwest Division hs.</i>	Chicago
Walker, Ralph Millard, <i>a w</i>	<i>Englewood hs.</i>	Chicago
Walker, William Edward, <i>a w sp</i>	<i>Chicago Public s.</i>	Chicago
Wallace, Thomas D., <i>sp</i>		Hinsdale
Walton, James A., <i>a</i>		Chicago
Wamsley, Doty Herman, <i>a w</i>	<i>Lake Forest u.</i>	Chicago
Warner, John M., Jr., <i>a w</i>		Chicago
Washburn, Miriam E., <i>w</i>		Chicago
Watson, Belle Sebastian, <i>a w</i>	<i>West Division hs.</i>	Chicago
Webster, H. E., <i>w</i>		Chicago
Weck, Frederick William, <i>w</i>	<i>Indiana u.</i>	Urbana, Ind.
Wegener, Elizabeth Anna, <i>a</i>	<i>West Division hs.</i>	Chicago
Weigley, Mildred, <i>w</i>		Chicago
Wendel, Minnie Elizabeth, <i>a w</i>	<i>Kansas City Normal s.</i>	Chicago

UNIVERSITY COLLEGE

NAME	PREVIOUS INSTITUTION	HOME ADDRESS
Wetter, Anna Albertine, <i>a w</i>		Chicago
White, Esther, <i>a w</i>	<i>Illinois State u.</i>	Highland Park
White, Frank Newhall, <i>sp</i>		Chicago
Whitfield, Charles John, <i>a w</i>	<i>Chicago Normal s.</i>	Chicago
Wile, William Henry, <i>a</i>	<i>u. of Pennsylvania</i>	Philadelphia, Pa.
Williams, Edward F., <i>sp</i>		Chicago
Williams, George John, <i>a w</i>	<i>Union c. of Law</i>	Elmhurst
Williams, Jesse Martin, <i>a</i>	<i>Public s.</i>	Chicago
Wilmarth, Mary Hawes, <i>a w</i>		Chicago
Winne, Mattie K., <i>a w</i>		Berwyn
Wiseley, Isadore, <i>a w</i>	<i>Western Normal c.</i>	Chicago
Wittig, Emilie Margaret, <i>a</i>	<i>Davenport, Ia., hs.</i>	Chicago
Wolf, Henry, <i>a w</i>	<i>Grammar s.</i>	Chicago
Worley, Arabella May, <i>a w</i>	<i>Illinois State Normal u.</i>	Henry
Wright, Charles William, <i>a w</i>	<i>Illinois c. of Law</i>	Chicago
Wright, Isabella, <i>a w</i>	<i>Chicago hs.</i>	Chicago
Zika, Bert Robert, <i>a w</i>	<i>u. of Illinois</i>	Chicago
Zimmerman, Paul Ernest, <i>a</i>	<i>Metropolitan Business c.</i>	Chicago
MEN—104	WOMEN—236	TOTAL—340

UNCLASSIFIED STUDENTS IN RAILWAY COURSES

* Matriculated unclassified students.

NAME	HOME ADDRESS	NAME	HOME ADDRESS
Agnew, W. R.,	Chicago	Burns, Thomas A.,	Chicago
* Ahern, John Henry,	Chicago	Cahill, William Robert,	Chicago
Allen, Jesse Mara,	Chicago	Cameron, Daniel, Jr.,	Chicago
Anderson, Charles Irvine,	La Grange	Cammack, H. R.	Chicago
Anderson, Clark Myron,	Milwaukee, Wis.	Carleton, Ralph Howard,	Chicago
* Anderson, Cyrus Alvin,	Chicago	Christiansen, Garfield,	Chicago
Antrim, Elbert M.,	Chicago	Christie, James,	Chicago
Banks, Henry Bartlett,	Chicago	Church, Frank Sawyer,	Chicago
Bardon, Frank Marshal,	Chicago	Cloud, Arthur D.,	Chicago
Barr, Roy Evan,	Chicago	Collender, Lloyd Wayne,	Chicago
Barrett, D. O.,	Chicago	Conley, Harry,	Chicago
Bastgen, Walter John,	Chicago	Colville, Andrew Barclay,	Chicago
Bauer, Joseph Francis,	Chicago	Coyne, Louis D.,	Chicago
Beaman, Alexander Gaylord,	Chicago	Conroyd, James,	Chicago
Beeler, Roy R.,	Elsdon	Craven, William Alexander,	Chicago
Betta, C. E.,	Milwaukee, Wis.	Cromwell, Roy,	Chicago
Biggs, William McLellan,	Chicago	Cross, Edmund James,	Chicago
Blauel, Alfred,	Chicago	* Cross, James,	Chicago
Boosinger, Walter Brown,	Chicago	Cupler, Arthur W.,	Chicago
Bradt, Wilbur Schuyler,	Chicago	Dalton, Edmund Leonard,	Chicago
Brady, Terence,	Chicago	Deal, Fred. E.,	Chicago
Burford, Lawrence B.,	Chicago	Darnielle, S. F.,	Chicago
Burger, Adolph Lewis, Jr.,	Chicago	Darnell, LeRoy,	Chicago

UNIVERSITY COLLEGE

NAME	HOME ADDRESS	NAME	HOME ADDRESS
Devereaux, Louis Joseph,	Chicago	Howison, J.,	Chicago
* Dodd, Oswald Wallace,	Chicago	Hubbell, Charles Victor,	Chicago
Donaldson, Bert,	Chicago	Hueneryager, Albert Edward,	Chicago
Donaldson, William Murray,	Chicago	Hueneryager, Bennet Harrison,	Chicago
Doud, Willard,	Chicago	Hunter, LeRoy Littlefield,	Chicago
Durrant, Rolfe,	Chicago	Hvaie, Leander G.,	Chicago
Earnshaw, Edward William,	Grand Crossing	Isaacson, William Charles,	Chicago
Ellis, Alden,	Chicago	Jacobs, Manuel Joseph,	Chicago
Emerson, A. W.,	Chicago	Jensen, Bennett Morris,	Chicago
Erlandson, Leonard Arthur,	Chicago	Jensen, Charles,	Chicago
Esmond, Wright LeRoy,	Chicago	Johnson, Horace Webster,	Chicago
Fares, C.,	Chicago	Jones, Louis E.,	Chicago
Falvey, John Joseph,	Chicago	Kalisher, Samuel, ,	Chicago
Farrell, Jeremiah Aloysius,	Chicago	Kartzke, M. C.,	Chicago
Ferguson, Robert Murphy,	Chicago	Kellogg, Orson Percy,	Chicago
Ferneborn, Fred Emil,	Chicago	Kenzel, Charles Herbert,	Chicago
Fischer, Edwin W.,	Chicago	Kerr, William Ralph, Jr.,	Chicago
Foland, Albert Walter,	Chicago	Ketcham, George,	Kenilworth
Ford, Frank Woolfolk,	Chicago	Kiefer, Frank Anthony,	Chicago
* Ford, Robert Floyd,	Chicago	Kingsley, George Almon,	Madison, Wis.
Foute, Frank D.,	Chicago	Kipp, Herbert A.,	Chicago
Francis, Frederick T.,	Chicago	Knorat, William J.,	Chicago
Frankle, Felix,	Chicago	Koerfer, Peter August,	Aurora
Frantz, Arthur,	Chicago	Lampheres, Frank Elmer,	Chicago
Garland, George C.,	Chicago	Lane, Chester Arthur,	Chicago
Garrity, Philip Anthony,	Chicago	Lane, Harold Francis,	Chicago
Granbom, Carl Gustave,	Chicago	Lee, Blewett,	Chicago
Green, George Holderness,	Chicago	Libby, Dallas Mortimer,	Chicago
Grotke, Martin William,	Chicago	Linnehan, William Leo,	Chicago
Haas, Martin John,	Chicago	Longstreet, Harry Thomas,	Chicago
Hall, John Lem,	Chicago	Love, Arthur Candee,	Chicago
Hall, William J.,	Chicago	Lovell, W. H.,	Chicago
Hammond, William Martin,	Chicago	MacLaren, Merle Francis,	Aurora
Hannan, Frank Edward,	Chicago	Markey, George E.,	Chicago
Harkness, Clyde,	Harvey	Marti, A. V.,	Chicago
Harrison, William Porter,	Chicago	Mattern, William Joseph,	Chicago
Hartshorn, Lee A.,	Chicago	Mayer, Wallace J.,	Chicago
Haynie, Walter Thomas,	Chicago	* McEwen, Malcolm Hines,	Chicago
Hayward, Bert,	Chicago	* McGibbon, Harold,	Chicago
Haywood, William,	Chicago	* McGuire, George Howard,	Chicago
Heartt, William Raymond,	Chicago	McGurn, Arthur Joseph,	Chicago
Heckman, William Hunter,	Chicago	McKennan, Sylvester,	Chicago
Heintz, William Fred,	Chicago	McLean, Jesse J.,	Chicago
Hemphill, George B.,	Chicago	McNeill, John Dennison,	Chicago
Hendrickson, Henry,	Chicago	Miller, James,	Chicago
Helpling, Charles Henry,	Chicago	Moore, Donald Olin,	Chicago
Hennessey, H. T.,	Chicago	Moore, James Otis,	Chicago
Henry, John Florence,	Chicago	Moose, Harold List,	Chicago
Horan, T. J.,	Chicago	Morthland, Glenn Eggleston,	Chicago

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NAME	HOME ADDRESS	NAME	HOME ADDRESS
Naughton, Michael Joseph,	Milwaukee, Wis.	Sindelar, George,	Chicago
Nelson, George F.,	Chicago	Smidl, Otto Joseph,	Chicago
Nielsen, J. A.	Chicago	Smith, F. B.,	Chicago
Nightingale, Henry George,	Chicago	Smith, James Elmo,	Milwaukee, Wis.
Novotny, Albert,	Chicago	Snyder, Charles A.,	Chicago
*Odea, M. Leland Hill,	Chicago	Spangenberg, Edward Henry,	Chicago
Oliphant, Walter Chilvers,	River Forest	Stark, Carl William,	Chicago
Owen, Walter R.,	Chicago	Stanley, Harry Garfield,	Chicago
Paradis, Arthur William,	Chicago	Tauch, William,	Chicago
Patterson, Robert Ernest,	Chicago	Tyler, Arthur Duane,	Chicago
Pearce, E. W.,	Chicago	Tyrrell, James Matthew,	Evanston
Phillis, F. M.,	Chicago	Turgman, Louis C.,	Chicago
Pickering, Harry Stuart,	Chicago	Van Horn, Edward Powell,	Chicago
Rawson, Rowland,	Chicago	*Wagner, William Rufus,	Chicago
Riley, William Lloyd,	Chicago	Walden, Potter Kirkman,	Chicago
Rizer, Fred W.,	Chicago	Wallenborn, P. A.,	Chicago
*Robertson, Arthur Hampton,	Chicago	Webster, Francis Eugene,	Chicago
Robinson, Fred Eugene,	Chicago	Webster, Thomas Terrance,	Chicago
Rockwell, Laurence Earl,	Chicago	Whedon, Charles Linden,	Chicago
Rosenbaum, Joseph,	Chicago	*White, Richard Joseph,	Chicago
Rowan, James Arthur,	Chicago	Willer, H. E.,	Chicago
Ryan, Charles Joseph,	Chicago	*Williams, Robert Henry,	Chicago
Ryan, Frances P.,	Chicago	Wilson, James Wilbur,	Chicago
Sachse, Frederick Oscar,	Chicago	Wisner, John Hornor,	Chicago
Scheibe, Emil,	Chicago	Xeakle, Thomas Lloyd,	Chicago
Schram, M. J.,	Chicago	Ziesel, Claude Ernest,	Chicago
Sharpe, F. R.,	Chicago	*Zika, Robert Bert,	Chicago
Siddall, Hugh Wagstaff,	Chicago	Zillmer, Frank Gottfried,	Chicago

TOTAL — 201

UNIVERSITY COLLEGE
SUMMARY

	Men	Women	Total
The Graduate Schools.....	14	34	48
The Senior Colleges.....	12	20	32
The Junior Colleges.....	19	44	63
Unclassified Students.....	305	236	541
Total in University College.....	350	334	684

THE DIVINITY SCHOOL

THE GRADUATE DIVINITY SCHOOL

ABBREVIATIONS.—*s*—Graduate Divinity Candidates for Doctor's or Master's degree; (*fel.*) after the academic record indicates Divinity Fellow.

NAME	DEGREE	HOME ADDRESS
Aldinger, Frederick Charles, <i>s a w sp</i>	A.B. (Yale u.) '04; A.M. (<i>Ibid.</i>) '05.	Primghar, Ia.
Alexander, Franklin McLain, <i>s</i>	(Southern Illinois State Normal u.) '83; Grad. (Unson Theological sm.) '91; (Ottawa u.)	Norman, Okla.
Allen, Hamilton Ford, <i>s</i>	A.B. (Williams c.) '88; A.M. (Union Christian c.) (McCormick Theological sm.); Ph.D. (u. of Chicago) '05	Chicago
Allison, William Henry, <i>s</i>	A.B. (Harvard u.) '83; Grad. (Newton Theological inst.) '02; Ph.D. (u. of Chicago) '05	Cambridge, Mass.
Anderson, Charles Edo, <i>s</i>	Ph.B. (Upper Iowa u.) '92; Ph.M. (<i>Ibid.</i>) '95; (Garrett Biblical inst.)	Chicago
Anderson, Frank Leonard, <i>s sp</i>	A.B. (u. of Minnesota) '96; D.B. (u. of Chicago) '00	Chicago
Anderson, Martin Eli, <i>sp</i>	A.B. (u. of Chicago) '06	Chicago
Artman, Joseph Manson, <i>s a w sp</i>	A.B. (Indiana u.) '05	New Augusta, Ind.
Babcock, Roy Wilbur, <i>sp</i>	A.B. (u. of Chicago) '06	Elgin
Bailey, Ambrose Moody, <i>s a</i>	A.B. (Kalamazoo c.) '02; A.B. (u. of Chicago) '03	Chicago
Baker, Frank Kaufman, <i>s a w sp</i>	A.B. (Franklin & Marshall c.) '99; A.M. (<i>Ibid.</i>) '03; (Reformed Theological sm); D.B. (u. of Chicago) '06	Findlay, O.
Baker, Perren Earle, <i>a w</i>	A.B. (McMaster u.) '00	Chicago
Barclay, Wade Crawford, <i>s a w</i>	Ph.B. (State u. of Iowa) '99; D.B. (u. of Chicago) '06	Orland
Baroody, Anees, <i>sp</i>	A.B. (Syria Protestant c.) '97	Mt. Lebanon, Syria
Barrett, Roy Henry, <i>a w sp</i>	A.B. (Ottawa u.) '05	Hutchinson, Kan.
Beckwith, Floyd Irving, <i>a</i>	S.B. (Kalamazoo c.) '04; S.B. (u. of Chicago) '05	Chicago
Benedict, Ivan Howland, <i>s</i>	Ph.B. (Colgate u.) '02; A.M. (<i>Ibid.</i>) '05; Grad. (Hamilton Theological sm.) '05	Waterbury, Conn.
BenKori, Abdullah, <i>s</i>	A.B. (Atlantic Christian c., Wilson, N. C.) '08; A.M. (Texas Christian u.) '05	N. Waco, Tex.
Benninghoff, Harry Baxter, <i>s a w sp</i>	Ph.B. (Franklin c.) '02; Ed.B. (u. of Chicago) '06	Valparaiso, Ind.
Bergstrom, Amandus Fridolf, <i>w sp</i>	A.B. (Augustana c.) '98; D.B. (Augustana Theological sm.) '02	Chicago
Beynon, William Henry, <i>s</i>	A.B. (Denison u.) '01	St. Charles
Bigelow, Alton Ezra, <i>a w sp</i>	A.B. (Shurtleff c.) '04	Selma, Cal.
Bill, Ingram Ebenezer, <i>a w sp</i>	A.B. (Acadia u.) '98; Grad. (Rochester Theological sm.) '97	Michigan City, Ind.
Bishop, Francis Britton, <i>a w sp</i>	D.B. (Lombard c.) '01	Blue Island
Blekkink, Evert John, <i>s</i>	A.B. (Hope c., Mich.) '83; A.M. (<i>Ibid.</i>) '86; D.B. (New Brunswick, N. J., Theological sm.) '86	Holland, Mich.
Bobbitt, Lee Roy, <i>s w sp</i>	A.B. (Central u.) '04	Cassopolis, Mich.
Bonner, Annie Willson, <i>a</i>	A.B. (Toronto u.) '90	Ridgetown, Ont.
Bowerman, Louis School, <i>w</i>	A.B. (Southwest Baptist c.) '86; A.M. (<i>Ibid.</i>) '89; Grad. (Newton Theological sm.) '89	Quincy
Briggs, John Gallup, <i>s</i>	A.B. (u. of Minnesota) '94; A.M. (<i>Ibid.</i>) '95; D.B. (u. of Chicago) '99	Waukegan
Briggs, Oscar Doyle, <i>a w sp</i>	A.B. (u. of Arkansas) '02	Garner, Ark.
Brown, Evander Dickson, <i>s</i>	A.B. (Arkansas c.) '90; A.M. (<i>Ibid.</i>) '92; D.B. (Columbia sm.) '94	Austin, Tex.
Brown, Jay Schuyler, <i>s w</i>	A.B. (Beloit c.) '95; D.B. (u. of Chicago) '01	Berlin, Wis.
Brown, Llewellyn, <i>s</i>	A.B. (McMaster u.) '96; A.M. (<i>Ibid.</i>) '98; B.Th. (<i>Ibid.</i>) '98	Cleveland, O.
Burlingame, George Elston, <i>s</i>	A.B. (Clinton c.) '94; D.B. (u. of Chicago) '99	Chicago
Burns, Clarence Spence, <i>s a w sp</i>	A.B. (Kalamazoo c.) '05; A.B. (u. of Chicago) '06	Bay City, Mich.
Burns, Harry Foster, <i>s</i>	A.B. (William Jewell c.) '00; D.B. (u. of Chicago) '05	Chicago
* Burwell, Leslie Moulthrop, <i>a w sp</i>	A.B. (Leland Stanford u.) '98; A.B. (Harvard u.) '94; D.B. (u. of Chicago) '04; (<i>fel.</i>)	Chicago

THE GRADUATE DIVINITY SCHOOL

NAME	DEGREE	HOME ADDRESS
Caldwell, William, <i>s</i>	A.M. (<i>Southwestern Presbyterian u.</i>) '88; Grad. (<i>Princeton Theological sm.</i>) '91; Ph.D. (<i>u. of Chicago</i>) '04	Fort Worth, Tex.
*Campbell, Colin Donald, <i>s a w</i>	A.B. (<i>Queen's u.</i>) '96; A.M. (<i>Princeton u.</i>) '99; D.B. (<i>Princeton sm.</i>), '99; (<i>fel.</i>)	Chicago
Carpenter, Herbert Abraham, <i>s</i>	A.B. (<i>Hiram c.</i>) '05	Hyndman, Pa.
Cheesman, George Washington, <i>a w sp</i>	A.B. (<i>Bucknell u.</i>) '05	Philadelphia, Pa.
Claxon, Alvin Wellington, <i>s</i>	A.B. (<i>Denison u.</i>) '94; M.D. (<i>St. Louis, Mo., Medical s. of Homoeopathy</i>) '97	St. Louis, Mo.
Coburn, David Newlands, <i>s</i>	A.B. (<i>McGill u.</i>) '96; D.B. (<i>Presbyterian c., Montreal</i>) '00	N. Lunenburg, Ont.
Cody, Roy Eldon, <i>a sp</i>	A.B. (<i>Kalamazoo c.</i>) '01; A.B. (<i>u. of Chicago</i>) '01	West Allis, Wis.
Coit, Robert Thornwell, <i>s sp</i>	A.B. (<i>Davidson c.</i>) '02	Salisbury, N. C.
Collins, Mina Rusha, <i>s</i>	Ph.B. (<i>Iowa c.</i>) '96	Davenport, Ia.
Cook, Cecil Virgil, <i>s</i>	A.M. (<i>LaGrange c., Mo.</i>) '94; Th.D. (<i>Baptist Theological sm.</i>) '98	Henderson, Ky.
Daniell, Nathaniel Carter, <i>s a w sp</i>	A.T.S. (<i>Hackney c., London</i>) '97; A.B. (<i>u. of Chicago</i>) '05; D.B. (<i>Ibid.</i>) '06	Cornwall, Eng.
Davidson, Henry Stead, <i>w</i>	A.B. (<i>u. of Chicago</i>) '04	Whiting, Ind.
*Day, Frank Leighton, <i>s a</i>	A.B. (<i>Roanoke c.</i>) '91; A.M. (<i>Ibid.</i>) '91; D.B. (<i>Vanderbilt u.</i>) '96; Ph.D. (<i>Columbian u.</i>) '02	Rocky Mt., Va.
Dickinson, Alfred James, <i>s</i>	A.M. (<i>Richmond c.</i>) '86; D.B. (<i>u. of Alabama</i>)	Birmingham, Ala.
Dillon, William Wagner, <i>s</i>	A.B. (<i>u. of Illinois</i>) '98	Chicago
Dinsmore, Carlos Millson, <i>a w</i>	A.B. (<i>Kalamazoo c.</i>) '00	Harvey
Dyer, Gustavus Walker, <i>s</i>	A.B. (<i>Randolph Macon c.</i>) '91; A.M. (<i>Vanderbilt u.</i>) '94; D.B. (<i>Ibid.</i>) '94	Chicago
Elliott, Charles Button, <i>s a w sp</i>	A.B. (<i>u. of Chicago</i>) '08; D.B. (<i>Ibid.</i>) '06	Riverside, Cal.
Evans, Herbert Francis, <i>s a w sp</i>	A.B. (<i>Leland Stanford Jr. u.</i>) '02	Highland Park
Ewers, John Ray, <i>s</i>	A.B. (<i>Hiram c.</i>) '99; D.B. (<i>u. of Chicago</i>) '05	Fayette, O.
Exley, Charles Arthur, <i>a w sp</i>	A.B. (<i>u. of Nebraska</i>) '04	Lincoln, Neb.
Fensham, Florence Amanda, <i>s</i>	D.B. (<i>Chicago Theological sm.</i>) '02	Chicago
Feringa, Johannes Herman, <i>sp</i>	Th.D. (<i>Utrecht</i>) '82	Muskegon, Mich.
*Ferguson, William Duncan, <i>a w sp</i>	A.B. (<i>Oberlin c.</i>) '97; D.B. (<i>Oberlin Theological sm.</i>) '94; Ph.D. (<i>u. of Chicago</i>) '06	Arthur, Ont.
Findley, Joseph Franklin, <i>s a</i>	A.B. (<i>Butler c.</i>) '90	Indianapolis, Ind.
Firth, Martha, <i>s</i>	Ph.B. (<i>Central u. of Iowa</i>) '98	Pella, Ia.
Fleming, Robert R., Jr., <i>a w</i>	A.B. (<i>Wake Forest c.</i>) '04	Pactolus, N. C.
Fogg, George William, <i>a w sp</i>	A.B. (<i>Richmond c.</i>) '08; A.M. (<i>Ibid.</i>) '04	Newtown, Va.
Fortune, Alonzo Willard, <i>s a w sp</i>	A.B. (<i>Hiram c.</i>) '98; A.M. (<i>Ibid.</i>) '01; D.B. (<i>u. of Chicago</i>) '05	Chicago
Fowle, Walter Irving, <i>s</i>	A.B. (<i>Des Moines c.</i>) '02; A.B. (<i>u. of Chicago</i>) '03	Ames, Ia.
French, James Leslie, <i>s</i>	D.B. (<i>Hartford Theological sm.</i>); Ph.D. (<i>Ibid.</i>) A.M. (<i>u. of Michigan</i>)	Grand Rapids, Mich.
Geselbracht, Franklin Hermon, <i>s</i>	A.B. (<i>u. of Chicago</i>) '98	Chicago
Goldner, Jacob Henry, <i>s</i>	A.B. (<i>Hiram c.</i>) '96; (<i>Adelbert c.</i>)	Cleveland, O.
Hägglund, Sven Gustaf, <i>a w sp</i>	A.B. (<i>Augustana c.</i>) '00; D.B. (<i>Ibid.</i>) '04	Chicago
Hall, Richard, <i>s</i>	(<i>Richmond c.</i>) '91-2; Th.M. (<i>Southern Baptist Theological sm.</i>)	Orrville, Ala.
Hamann, William Frederick, <i>s</i>	A.B. (<i>Christian u., Mo.</i>) '89	Sedalia, Mo.
Hand, David Matthias, <i>w sp</i>	A.B. (<i>Central u. of Iowa</i>) '02	Somonauk
Hart, Joseph Kimnont, <i>s</i>	A.B. (<i>Franklin c.</i>) '00	South Bend, Ind.
Hayne, Coe, <i>a w</i>	A.B. (<i>Kalamazoo c.</i>) '99; A.B. (<i>u. of Chicago</i>) '00	Lawton, Mich.
Hayworth, Solomon Alonzo, <i>s</i>	Grad. (<i>Eng. Theological sm., u. of Chicago</i>) '02	Fargo, N. D.
Hazen, Harry Booth, <i>s a</i>	A.B. (<i>Ohio Normal u.</i>) '97; Grad. (<i>Eng. Theological sm., u. of Chicago</i>) '05	Chicago
Hemry, George Watson, <i>a</i>	A.B. (<i>Hiram c.</i>) '00	McComb
Henry, Edward Atwood, <i>s a w sp</i>	A.B. (<i>Hiram c.</i>) '00	Canandaigua, N. Y.
Hirschy, Noah Calvin, <i>s</i>	A.B. (<i>Oberlin c.</i>) '97; D.B. (<i>Oberlin Theological sm.</i>) '98	Bluffton, O.

THE GRADUATE DIVINITY SCHOOL

NAME	DEGREE	HOME ADDRESS
Hoover, Guy, <i>s a w sp</i>	A.B. (<i>Hiram c.</i>) '99	Chicago
Hopkins, James Elisha, <i>s</i>	A.M. (<i>Dickinson c., Pa.</i>) '59	Rutherford, Tenn.
*Horne, Charles Ellsworth, <i>a w sp</i>	A.B. (<i>Waynesburg c.</i>) '91; A.M. (<i>Ibid.</i>) '00; A.M. (<i>Harvard</i>) '04; (u. of <i>Leipzig</i>); (fel.)	Waynesburg, Pa.
Howell, William Jasper, <i>s a w sp</i>	A.B. (<i>Wake Forest c.</i>) '96; Grad. (<i>Rochester Theological sm.</i>) '99	Cortland, N. Y.
Hull, Angus Clifton, <i>s</i>	A.B. (<i>Leland Stanford Jr. u.</i>) '08; (<i>Vanderbilt u.</i>)	Aurora
Hunt, Joel Ransom Ellis, <i>s sp</i>	D.B. (<i>Chicago Lutheran Theological sm.</i>) '01	Chicago
Hurley, Hugh Henry, <i>s</i>	Ph.B. (<i>Des Moines c.</i>) '91; D.B. (u. of <i>Chicago</i>) '91	Barry
Jack, Milton, <i>s</i>	A.B. (<i>McGill u.</i>) '02; A.M. (<i>Ibid.</i>) '05; D.B. (<i>Montreal Presbyterian c.</i>) '05	Chateauguay Basin, Quebec
James, John Caller, <i>s</i>	A.B. (<i>Southern u., Ala.</i>) '00; (<i>Vanderbilt u.</i>)	Wetumpka, Ala.
Janssen, Ralph, <i>s</i>	A.B. (u. of <i>Chicago</i>) '91; Ph.D. (u. of <i>Halle, Wittenberg</i>) '02	Zeeeland, Mich.
Jenks, Orrin Roe, <i>s</i>	D.B. (<i>Chicago Theological sm.</i>) '05	Chicago
Johnson, Benjamin Emmanuel, <i>a w sp</i>	D.B. (<i>Wilberforce u.</i>) '08	Chicago
Johnson, Thomas Neil, <i>s</i>	A.M. (<i>Wake Forest c.</i>) '96; (<i>Newton Theological inst.</i>)	Raleigh, N. C.
Jones, Sylvester, <i>w sp</i>	A.B. (<i>Penn c.</i>) '00	Oskaloosa, Ia.
Jordan, Oryis Fairlee, <i>s</i>	A.B. (<i>Eureka c.</i>) '99	Rockford
Karge, Albert George, <i>s</i>	A.B. (<i>Bucknell u.</i>) '04	Camden, N. J.
Kelley, Robert Lincoln, <i>a sp</i>	A.B. (u. of <i>Minnesota</i>) '02	Barrington
Kennan, Ralph Rollin, <i>sp</i>	A.B. (<i>Hillside c.</i>) '91; A.M. (<i>Ibid.</i>) '98; D.B. (<i>Ibid.</i>) '96	Chicago
Killam, Edgar L., <i>s</i>	(<i>Crozer Theological sm.</i>) '01	Mt. Pleasant, Mich.
Killie, Guy Edward, <i>s</i>	A.B. (<i>Butler c.</i>) '04; A.B. (u. of <i>Chicago</i>) '05	Indianapolis, Ind.
Killips, Everett Benson, <i>s</i>	A.B. (u. of <i>Chicago</i>) '08; D.B. (<i>Ibid.</i>) '05	West Allis, Wis.
Krasnowetz, Nathan, <i>s</i>	B.H. (<i>Hebrew Union c.</i>) '99; B.L. (u. of <i>Cincinnati</i>) '99; Rabbi (<i>Hebrew Union c.</i>) '03	Owensboro, Ky.
Kuns, George Dilling, <i>a w sp</i>	A.B. (u. of <i>Kansas</i>) '04	McPherson, Kan.
*Latham, Harris Learner, <i>a w sp</i>	A.B. (<i>Illinois Wesleyan u.</i>) '98; D.B. (<i>Cumberland u. Theological Dept.</i>) '01; A.M. (<i>James Millikan u.</i>) '01; S.T.M. (<i>Hartford Theological sm.</i>) '02	Normal
Laube, William Christopher, <i>sp</i>	A.B. (<i>McAlester c., St. Paul</i>) '01	Dubuque, Ia.
LeGrand, Abraham, <i>s</i>	A.B. (<i>Brown u.</i>) '96	Appleton, Wis.
Lewis, Frank Grant, <i>a w sp</i>	A.B. (<i>Brown u.</i>) '98; Grad. (<i>Rochester Theological sm.</i>) '96; A.M. (u. of <i>Chicago</i>) '06	Chicago
Lyon, Clyde Laten, <i>s</i>	A.B. (<i>Eureka c.</i>) '05	Eureka
Mainwaring, Alfred Arthur, <i>s a</i>	A.B. (u. of <i>Wooster</i>); (<i>Bates c. of Maine</i>) '81-85	Chicago
Mann, Leonard Loumino, <i>a w</i>	A.B. (<i>Macalester c.</i>) '02	Marley
*Matthews, Isaac George, <i>s sp</i>	A.B. (<i>McMaster u.</i>) '91; A.M. (<i>Ibid.</i>) '96; B.Th. (<i>Ibid.</i>) '04	Almonte, Ont.
Mercer, Leonidas I., <i>s</i>	B.L. (<i>Bethany c.</i>) '90	Hoopeston
Merrifield, Roy Wilson, <i>a w</i>	A.B. (u. of <i>Chicago</i>) '03	Ottawa
*Merritt, Max John, <i>s</i>	B.H. (<i>Hebrew Union c.</i>) '99; A.B. (u. of <i>Cincinnati</i>) '02	Evansville, Ind.
Middleton, Thomas Canady, <i>sp</i>	A.B. (<i>Tarkio c.</i>) '04	Unionville, Mo.
Miner, Frank Newton, <i>s</i>	A.B. (<i>Albion c.</i>) '96; S.T.B. (<i>Boston u.</i>) '02	Dollar Bay, Mich.
*Mode, Rowland Hector, <i>a w sp</i>	A.B. (u. of <i>Toronto</i>) '96; A.M. (<i>Ibid.</i>) '99; Th.B. (<i>McMaster u.</i>) '01; D.B. (<i>Ibid.</i>) '02; (fel.)	Toronto, Ont.
Moussa, Hans Koller, <i>a w sp</i>	A.B. (<i>Northwestern u.</i>) '00; Grad. (<i>Evangelical Lutheran sm., Wauwatosa, Wis.</i>) '04	Burlington, Wis.
McCabe, James Pleasant, Jr., <i>s a w sp</i>	A.B. (<i>Richmond c.</i>) '01; A.M. (<i>Ibid.</i>) '02; (<i>Southern Baptist Theological sm.</i>)	Davis Mills, Va.
McCartney, Jacob Harvey, <i>s a w sp</i>	A.B. (<i>Hiram c.</i>) '03; (<i>Western Reserve u.</i>)	Dayton, O.
McClenahan, Robert Stewart, <i>a w</i>	A.B. (<i>Tarkio c.</i>) '93; A.B. (<i>Yale u.</i>) '96	Chicago
McCormick, Ada May, <i>s</i>	A.B. (<i>Hiram c.</i>) '00	Fort Wayne, Ind.
McElroy, Charles Foster, <i>s</i>	A.B. (<i>Butler c.</i>) '04; A.M. (u. of <i>Chicago</i>) '05	Springfield

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NAME	DEGREE	HOME ADDRESS
McGee, James, <i>s a w sp</i>	A.B. (<i>Kalamazoo c.</i>) '05	Farmington, Mich.
Macintosh, Douglas Clyde, <i>s a w sp</i>	A.B. (<i>McMaster u.</i>) '03; (<i>fel.</i>)	Breadalbane, Ont.
* McKnight, Robert James George, <i>a w sp</i>	A.B. (<i>Geneva c.</i>) '96; A.B. (<i>Princeton Theological sm.</i>) '00; (<i>u. of Leipzig</i>) (<i>fel.</i>)	Beaver Falls, Pa.
* McLauchlan, John, <i>a w sp</i>	A.B. (<i>McMaster u.</i>) '03; A.M. (<i>Ibid.</i>) '04; (<i>fel.</i>)	London, Ont.
McLeod, Warren Hastings, <i>s w sp</i>	A.B. (<i>Acadia u.</i>) '95; Grad. (<i>Newton Theological sm.</i>) '00	Elkhorn, Wis.
* MacNaul, Willard Carey, <i>a w sp</i>	A.B. (<i>Buchnell u.</i>) '90; A.M. (<i>Ibid.</i>) '93; D.B. (<i>u. of Chicago</i>) '98	Chicago
McNeill, Harris Lauchlin, <i>sp</i>	A.B. (<i>McMaster u.</i>) '94	Brandon, Man.
Macpherson, Hector, <i>w</i>	A.B. (<i>Queen's u.</i>) '03	Grand Valley, Ont.
Nelson, Roy Batchelder, <i>a w sp</i>	A.B. (<i>u. of Chicago</i>) '01; (<i>fel.</i>)	Oshkosh, Wis.
Newlin, Thomas, <i>s</i>	S.B. (<i>Haverford c., Pa.</i>) '85; A.M. (<i>Ibid.</i>) '92; Ph.M. (<i>u. of Chicago</i>) '05	Guilford College, N. C.
Newschwander, Edgar Storrs, <i>a w sp</i>	A.B. (<i>Ripon c.</i>) '04	Green Bay, Wis.
Newsom, Curtis Bishop, <i>s</i>	Ph.B. (<i>Earlham c.</i>) '96	Chicago
North, Cecil Clare, <i>a</i>	A.B. (<i>u. of Nebraska</i>) '02; D.B. (<i>u. of Chicago</i>) '05	Bridgeport, Neb.
Otsuka, Naotaro, <i>s</i>	A.B. (<i>Bethany c.</i>) '99; D.B. (<i>u. of Chicago</i>) '05	Itsuhara, Japan
Page, James Evelyn, <i>a</i>	A.B. (<i>Roper Williams u.</i>) '03	Chicago
Parker, Lee Boyce, <i>w</i>	A.B. (<i>Williamsburg Inst.</i>) '95; Th.M. (<i>Southern Baptist Theological sm.</i>) '00	Belleville, Kan.
Parsons, Everett Joseph, <i>s</i>	A.B. (<i>u. of Chicago</i>) '99; D.B. (<i>Ibid.</i>) '02	Berlin, Wis.
Patch, Albert Eugene, <i>s</i>	A.B. (<i>u. of Chicago</i>) '01; D.B. (<i>Ibid.</i>) '03	Wausau, Wis.
Patterson, Sarah Luella, <i>a w sp</i>	A.B. (<i>u. of Chicago</i>) '04	Fayette City, Pa.
Peacock, William John, <i>s</i>	L.B. (<i>Denton u.</i>) '01	Chicago
Peckham, George Alfred, <i>s</i>	A. B. (<i>Buchtel c.</i>) '75; A. M. (<i>Ibid.</i>) '78	Hiram, O.
Pedersen, Tellef Christian, <i>s a</i>	A.B. (<i>Beloit c.</i>) '02; D.B. (<i>u. of Chicago</i>) '03	Juda, Wis.
Pence, Linden Philip, <i>s</i>	A.B. (<i>Luther Theological sm.</i>) '03	Chicago
Perry, Louis Clausiel, <i>s</i>	A.B. (<i>Rutherford c.</i>) '96; A.M. (<i>Ibid.</i>) '97; A.B. (<i>Vanderbilt u.</i>) '04; D.B. (<i>Ibid.</i>) '04	Conway, Ark.
Peterson, Niels John, <i>s a w</i>	A.B. (<i>u. of Chicago</i>) '04; D.B. (<i>Ibid.</i>) '06	Racine, Wis.
Phelps, Virgil Vivian, <i>s a w sp</i>	Ph.B. (<i>u. of Chicago</i>) '01; Ph.M. (<i>Ibid.</i>) '03	West Bay City, Wis.
* Pillans, Edward Palmer, <i>a w sp</i>	A.B. (<i>Presbyterian c. of South Carolina</i>) '95; D.B. (<i>Kentucky Theological sm.</i>) '99; A.M. (<i>u. of Chicago</i>) '06	Winklar, Tex.
Preston, Bryant Curtis, <i>s</i>	A.B. (<i>u. of Kansas</i>) '87 (<i>Chicago Theological sm.</i>)	Osage, Ia.
Price, William Francis, <i>s</i>	A.B. (<i>Southern u.</i>) '00; D.B. (<i>Vanderbilt u.</i>) '05	Ft. Payne, Ala.
Raffety, William Edward, <i>w</i>	A.B. (<i>William Jewell c.</i>) '99; A.M. (<i>Ibid.</i>) '00; D.B. (<i>Rochester Theological sm.</i>) '03	Chicago
Reed, Richard Clark, <i>sp</i>	A.B. (<i>King c.</i>) '73; A.M. (<i>Ibid.</i>) '82	Columbia, S. C.
Reep, Samuel Nickolas, <i>a w sp</i>	A.B. (<i>Drake u.</i>) '03	Buffalo Lake, Minn.
Reese, John B., <i>s</i>	A.B. (<i>Yankton c.</i>) '00; (<i>Chicago Theological sm.</i>)	Yankton, S. D.
Rehm, Henry Charles, <i>s</i>	LL.B. (<i>u. of Wisconsin</i>) '99; (<i>Chicago Theological sm.</i>)	Milwaukee, Wis.
Rice, Perry James, <i>s</i>	A.B. (<i>Hiram c.</i>) '92	South Bend, Ind.
Rittenhouse, Walter, <i>s</i>	M.D. (<i>Northwestern u.</i>) '04	Chicago
Robbins, Roby Columbus, <i>s</i>	A.B. (<i>Mendota c.</i>) '04	Mendota
Robertson, Norman Hay, <i>a w</i>	A.B. (<i>Hiram c.</i>) '04; D.B. (<i>u. of Chicago</i>) '06	Hillsburg, Ont.
Robinson, Benjamin Willard, <i>s</i>	A.B. (<i>u. of Chicago</i>) '01; Ph.D. (<i>Ibid.</i>) '04	Chicago
Robinson, Edna Moore, <i>s</i>	A.B. (<i>u. of Chicago</i>) '04	Chicago
Robison, Benjamin Edward, <i>a w sp</i>	A.B. (<i>u. of Chicago</i>) '04; D.B. (<i>Ibid.</i>) '06	South Haven, Mich.
* Robison, Henry Barton, <i>s a w sp</i>	A.B. (<i>Kentucky u.</i>) '98; A.M. (<i>Ibid.</i>) '94	Lexington, Ky.
Rosenbaum, David, <i>w sp</i>	Ph.B. (<i>u. of Chicago</i>) '05	Chicago
Rothenburger, William Frederick, <i>s a w sp</i>	A.B. (<i>Ohio Normal u.</i>) '96; A.B. (<i>Hiram c.</i>) '00	Holgate, O.

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NAME	DEGREE	HOME ADDRESS
Routledge, Robert, <i>s a w</i>	A.B. (<i>McMaster u.</i>) '95; B.Th. (<i>Ibid.</i>) '98; D.B. (<i>u. of Chicago</i>) '06	Dunkeld, Ont.
Runyan, Walter Leroy, <i>a w sp</i>	A.B. (<i>Wabash c.</i>) '02	Chicago
Russell, Ouray Owen, <i>w sp</i>	A.B. (<i>Missouri Valley c.</i>) '91	Chicago
Sanborn, Mark Frank, <i>sp</i>	A.B. (<i>Kalamazoo c.</i>) '06; A.B. (<i>u. of Chicago</i>) '06	Dowagiac, Mich.
Saxton, Albert Clarence, <i>a w sp</i>	A.B. (<i>u. of Idaho</i>) '03	Boise City, Idaho
Schaefer, John Charles, <i>w</i>	S.B. (<i>Northwestern c.</i>) (<i>Chicago Theological sm.</i>)	Chicago
Scheick, Charles Henry, <i>a w sp</i>	A.B. (<i>Bucknell u.</i>) '05	Uniontown, Pa.
Schooling, Lacy Parks, <i>s a</i>	A.B. (<i>u. of Missouri</i>) '05	Moberly, Mo.
Schoolland, Klaas, <i>s</i>	Candidate in Philology (<i>u. of Groningen, Netherland</i>)	Grand Rapids, Mich.
Sears, Rolla Gilbert, <i>s</i>	A.M. (<i>u. of Wisconsin</i>) '04	Center, Mo.
Sharman, Henry Burton, <i>a w sp</i>	S.B. (<i>u. of Toronto</i>) '91; Ph.D. (<i>u. of Chicago</i>) '06	Winnipeg, Man.
Sherbondy, Thomas Andrew, <i>s</i>	Ph.B. (<i>Bucknell u.</i>) '02; D.B. (<i>u. of Chicago</i>) '05	Bala, Pa.
Sherer, Albert William, <i>sp</i>	A.B. (<i>u. of Chicago</i>) '06	Chicago
Simmons, Daniel Monroe, <i>a w sp</i>	A.B. (<i>Richmond c.</i>) '05	Taylor's Store, Va.
Slater, John Rothwell, <i>s</i>	A.B. (<i>Harvard u.</i>) '94; D.B. (<i>u. of Chicago</i>) '98; Ph.D. (<i>Ibid.</i>) '05	Chicago
* Smith, Gerald Birney, <i>a sp</i>	A.B. (<i>Brown u.</i>) '91; A.M. (<i>Columbia u.</i>) '98; D.B. (<i>Union Theological sm.</i>) '98	Chicago
Smith, Hubert Mann, <i>s</i>	A.B. (<i>Emory c.</i>) '84; (<i>Vanderbilt u., Theological Department</i>)	LaGrange, Ga.
Smith, Warren John, <i>s sp</i>	A.B. (<i>u. of Chicago</i>) '05	Sandwich
Sprengling, Martin, <i>a w sp</i>	A.B. (<i>Northwestern u. c., Watertown, Wis.</i>) '94	Chicago
Staudt, Calvin Klopp, <i>s a sp</i>	A.B. (<i>Franklin and Marshall c.</i>) '00; (<i>Reformed Theological sm., Lancaster, Pa.</i>)	Dakota
Staudt, Ida Donges, <i>s</i>	A.M. (<i>Palatinate c.</i>) '91	Dakota
Stengel, John, <i>s</i>	Grad. (<i>Northwestern c.</i>) '86	LeMars, Ia.
Stephenson, Arthur Turley, <i>s</i>	Ph.B. (<i>De Pauw u.</i>) '03	Chicago
Stewart, George Benjamin, <i>s a w sp</i>	A.B. (<i>Bethany c.</i>) '91	Chicago
Stoutemyer, John Howard, <i>a w sp</i>	A.B. (<i>Kalamazoo c.</i>) '05; A.B. (<i>u. of Chicago</i>) '06	Onarga
Sunderland, Leslie Ernest, <i>s a w sp</i>	A.B. (<i>Middlebury c.</i>) '04	Middlebury, Vt.
Sung, Far Tsan, <i>a w</i>	S.B. (<i>Ohio Wesleyan u.</i>) '05; S.B. (<i>u. of Chicago</i>) '06	Hinghua, China
Taintor, Sarah Buckley, <i>s</i>	A.B. (<i>Upper Iowa u.</i>) '74; A.M. (<i>Ibid.</i>) '77	Elkhorn, Wis.
Talbott, Rose Casteel, <i>s</i>	S.B. (<i>Ohio Wesleyan u.</i>) '03	Springfield
* Taylor, Harry Leroy, <i>w sp</i>	A.B. (<i>Cornell u.</i>) '96; D.B. (<i>Union Theological sm.</i>) '03; (<i>fel.</i>)	Hamburg, N. Y.
Thomas, David Edward, <i>s a w sp</i>	A.B. (<i>u. of Nebraska</i>) '02; (<i>Yale Divinity s.</i>); D.B. (<i>u. of Chicago</i>) '06	Lincoln, Neb.
Thompson, Clifford Griffith, <i>s</i>	S.B. (<i>Young Harris c., Ga.</i>) '03; (<i>u. of Georgia.</i>)	Bogart, Ga.
Trainum, William Henry, <i>s</i>	A.B. (<i>Dexter Christian c.</i>) '05	Manor, Tex.
Trout, William David, <i>s</i>	S.B. (<i>Morris Hill c.</i>) '95	Cambridge City, Ind.
Umbach, Edward Milton, <i>w sp</i>	A.B. (<i>Northwestern c.</i>) '04	Naperville
Utley, Monta Thweatt, <i>s</i>	S.B. (<i>Blue Mt. Female c.</i>) '04	Spring Creek, Tenn.
Vanderburgh, Frederick Augustus, <i>s</i>	A.B. (<i>u. of Rochester</i>) '76; Grad. (<i>Rochester Theological sm.</i>) '80	New York, N. Y.
VanderMeulen, John, <i>s</i>	A.B. (<i>Hope c.</i>) '95; D.B. (<i>sm. of Reformed Church of America, New Brunswick, N. J.</i>)	Chicago
VanKirk, Hiram, <i>s</i>	A.B. (<i>Hiram c.</i>) '92; D.B. (<i>Yale u.</i>) '96; Ph.D. (<i>u. of Chicago</i>) '00	Berkeley, Cal.
* Veatch, Ambrose Dudley, <i>s</i>	A.B. (<i>Christian u., Mo.</i>) '00; D.B. (<i>Drake u.</i>) '01; A.M. (<i>Ibid.</i>) '04	Chicago
Vernier, Chester Garfield, <i>s</i>	A.B. (<i>Butler c.</i>) '03; Ph.B. (<i>u. of Chicago</i>) '04	Liberty, Ind.
* Vichert, John Frederick, <i>a w sp</i>	A.B. (<i>McMaster u.</i>) '91; A.M. (<i>Ibid.</i>) '98; Th.B. (<i>Ibid.</i>) '04; D.B. (<i>Ibid.</i>) '05; (<i>fel.</i>)	Princeton, Ont.

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NAME	DEGREE	HOME ADDRESS
Voris, John Ralph, <i>sp</i>	A.B. (<i>Franklin c.</i>) '01; D.B. (<i>u. of Chicago</i>) '06	Anderson, Ind.
Vreeland, Charles Frank, <i>sp</i>	Grad. (<i>English Theological sm., u. of Chicago</i>) '95	Chicago
Ward, Cornelia Somerville Ewing, <i>a w sp</i>	Grad. (<i>Mary Baldwin sm., Staunton, Va.</i>) '90	Winchester, Va.
Ward, David Funsten, <i>a w sp</i>	Grad. (<i>Protestant Episcopal Theological sm.</i>) '93	Winchester, Va.
Ward, Walter Donat, <i>s a sp</i>	A.B. (<i>Hiram c.</i>) '00	Evanston
Waterman, William John, <i>s a</i>	A.B. (<i>u. of Chicago</i>) '04	Kasota, Minn.
Wickes, Dean Rockwell, <i>a w sp</i>	Ph.B. (<i>u. of Chicago</i>) '05	Chicago
* Wilson, Albert Sherwood, <i>s a</i>	A.B. (<i>u. of Toronto</i>) '00; D.B. (<i>u. of Chicago</i>) '02	Merritton, Ont.
Winchester, Benjamin Severance, <i>s sp</i>	A.B. (<i>Williams c.</i>) '89; D.B. (<i>Chicago Theological sm.</i>) '96	Winnetka
Winterburger, Emil Lewis, <i>s</i>	A.B. (<i>Union c., N. Y.</i>) '00	Chicago
Woodruff, Wilburn Edgar, <i>a</i>	A.B. (<i>Wake Forest c.</i>) '02; D.B. (<i>u. of Chicago</i>) '04	Lowgap, N. C.
Yard, William Rufus, <i>s sp</i>	A.B. (<i>Central u. of Iowa</i>) '08	Big Rock
Young, George Everett, <i>s</i>	A.B. (<i>Hamilton c.</i>) '87; A.M. (<i>Ibid.</i>) '90; Grad. (<i>Xenia Theological sm.</i>); D.B. (<i>u. of Chicago</i>) '05	Herscher
MEN — 211	WOMEN — 12	TOTAL — 223

THE UNCLASSIFIED DIVINITY STUDENTS

NAME	SCHOOL	HOME ADDRESS
Bain, Colin, <i>s a w sp</i>	Moody Bible s.	Waterford, Ireland
Baldwin, Olivia Artemisia, <i>s</i>	A.B. (<i>Normal s., Kirksville, Mo.</i>) '80; M.D. (<i>u. of Michigan</i>) '87	Deoghur, India
Barker, Percival Howson, <i>sp</i>	Victoria c., Toronto	Bracebridge, Ont.
Benthien, Elizabeth Margaret, <i>s w</i>	S.B. (<i>Dixon c.</i>) '03; Grad. (<i>Chicago Training s. for Foreign Missions</i>) '95	Poona, India
Burns, Josephine Francis, <i>s</i>	Warrensburg, Mo., State Normal s.	Chicago
Carlisle, Francis Ashley, <i>s a sp</i>	Th.G. (<i>Southern Baptist Theological sm.</i>)	Chicago
Castle, Eleanore Mariea, <i>s</i>	Koreshan Unity u., Chicago	Esterro, Fla.
Cauldwell, John Monroe, <i>a w sp</i>	Wabash c.	Wolcott, Ind.
Chamberlin, Georgia Louise, <i>s</i>	Plainfield, N. J., <i>hs.</i> ; Private study	Chicago
Christensen, Marie, <i>s a w sp</i>	Baptist Missionary Training s.	Selma, Cal.
Christoff, John, <i>sp</i>	Bulgarian Guver Gymnasium	Chicago
Cockerill, Herbert John, <i>s</i>	Northwestern a.	Chicago
Collins, Catherine, <i>w</i>	Princeton Normal s.	Chicago
Cress, Amanda Witter, <i>sp</i>	Tabor, Ia., Missionary inst.	Abilene, Kan.
Crees, George Clifford, <i>w sp</i>	Dickinson County <i>hs.</i>	Abilene, Kan.
Dickey, Ida May, <i>w sp</i>	Northwestern Preparatory s.	Kansas City, Mo.
Embree, Wesley Moreland, <i>a w sp</i>	u. of Colorado, (preparatory)	Chicago
Evans, Elizabeth Sprague, <i>s a</i>	Nevada State u.	Highland Park
Handley, Royal Luther, <i>s a w sp</i>	Butler c.	St. Louis, Mo.
Hearne, Virginia Kirtley, <i>s a</i>	Kentucky State c.	Lexington, Ky.
Henderson, Emma Marcella, <i>a</i>	Boise <i>hs.</i> , Washington Agricultural c.	Boise, Idaho
Hopkins, Emma Gates, <i>s a w</i>	u. of Minnesota	St. Paul, Minn.
Hopkins, William Ely, <i>a w sp</i>	Pittsberry a.	Rochester, Minn.
Houtz, Bertha Anna, <i>a w sp</i>	Hilledale c.	Montpelier, O.
Kato, Akizane, <i>s a w sp</i>	Grad. (<i>Medical s., Tokyo, Japan</i>); (<i>Theological Department Japanese c.</i>)	Mikka-ichi, Etchin, Japan
Kilburne, William, <i>s</i>	Lowc Inst., Newcastle-on-Tyne, England	Spring Valley
Larson, James Henry, <i>s a sp</i>	Southern Baptist Theological sm.	Holyoke, Mass.

THE UNCLASSIFIED DIVINITY STUDENTS

NAME	SCHOOL	HOME ADDRESS
Latta, John Tilden, <i>s</i>	Denison u.	Woodsfield, O.
Loftin, Isaac Newton, <i>a w sp</i>		Henderson, N. C.
Martin, Anne Harold, <i>w sp</i>	Bryn Mawr Preparatory s.	Chicago
Mayhew, Charles Dutton, <i>s</i>	Beloit c.	Hudson
Musselman, Hugh Thomas, <i>s a w sp</i>	Richmond, Va., c.	Maysville, Ky.
Myer, Arthur Eli, <i>a w sp</i>	S.B. (Valparaiso c.) '02; Southern Baptist Theological sm.	Pontiac
MacPherson, Walter Henry, <i>a w</i>	Englewood hs.	Chicago
Pendergrass, Allie Lee, <i>a w sp</i>	D.D.S. (Baltimore c. of Dental Surgery) '99; Chicago Post Graduate c.	Helena, Ark.
Pier, Garrett Chatfield, <i>s a</i>	Columbia u.	Chicago
Ray, Rufus Rutledge, <i>s</i>	(Southern Baptist Theological sm.) '99; Moody Bible inst.	Grange, N. C.
Rhodes, Helen, <i>a</i>	Teachers' c., Columbia u., N. Y.	New York, N. Y.
Risinger, Will Elwood, <i>a sp</i>	Oskaloosa c.	Rochelle
Robinson, William Reid, <i>a w sp</i>	Dalhousie u.	Gibson, N. B.
Shimadzu, Misaki, <i>a w sp</i>	Togo-Eiwa Gakko Anglo-Japanese c., Tokyo, Japan	Uzen, Japan
Tandy, Alpheus Welby, <i>sp</i>	Des Moines c.	Albany, Mo.
Tipton, Arthur Isaac, <i>s sp</i>	Franklin c.	Frazee, Mo.
Wheeler, Otis Valentine, <i>w sp</i>	Hilldale c.	Chicago
Wright, Charles Gilbert, <i>sp</i>	Monroe Collegiate inst., N. Y.	Tampico

MEN — 29

WOMEN — 16

TOTAL — 45

THE ENGLISH THEOLOGICAL SEMINARY

(SUMMER STUDENTS)

NAME	SCHOOL	HOME ADDRESS
Adams, Wayne Wamack, <i>s</i>	Southern Baptist Theological sm.	Ritzville, Wash.
Alexander, Alice Buckley, <i>s</i>	Ottawa u.	Norman, Okla.
Bryce, William Kirk, <i>s</i>	Pastors' c., London, England	Chicago
Burns, Connor Black, <i>s</i>	Private study	Enoree, S. C.
Claxon, Frances Evalyn, <i>s</i>	St. Louis Schools	St. Louis, Mo.
Fisher, James Oren, <i>s</i>	Marengo hs., Armour a.	Chicago
Fleming, Melvin Jefferson, <i>s</i>	Franklin c.	Franklin, Ind.
Fogdall, Soren Jacob Marius Peterson, <i>s</i>	Iowa State Normal s.; Grad. (Danish-Norwegian Theological sm., u. of Chicago) '08	Waukegan
Fowle, Caroline Engberg, <i>s</i>	Des Moines c.	Ames, Ia.
Godbey, Emma Elizabeth, <i>s</i>	Olathe c.	Chicago
Goldner, Harriet Marks, <i>s</i>	Hiram c.	Cleveland, O.
Hart, William Wallace, <i>s</i>	Chicago Theological sm.	Oak Park
Holcomb, Walter, <i>s</i>	Cumberland u.	Statesville, N. C.
Jensen, Jens Peter, <i>s</i>	Mt. Airy Theological sm., Philadelphia	Blair, Neb.
Karnell, Esther, <i>s</i>	Moody Bible inst.	Detroit
Kelly, Effie Blanch, <i>s</i>	Columbus Junction hs.	Columbus Junction, Ia.
Mixon, Thomas Edgar, <i>s</i>	Grad. (Louisiana State Normal s.) '04; Licentiate Instructor (Ibid.)	Wheeling, La.
Naumann, Charles Adolf, <i>s</i>	Lutheran Theological sm.	Chicago

THE ENGLISH THEOLOGICAL SEMINARY

NAME	SCHOOL	HOME ADDRESS
Reed, Henry Thomas, <i>s</i>	Vanderbilt <i>u.</i>	Greenville, Ky.
Shoenburger, Diana Olive, <i>s</i>	Grad. (<i>Chicago Missionary Training s.</i>) '02.	Chicago
Stein, Samuel August, <i>s</i>	Evangelical Lutheran Theological <i>sm.</i>	Blue Island
Tharp, James Hardy, <i>s</i>	San Marcos Texas Normal <i>s.</i>	Lakeland, Fla.
VanKirk, Augusta Smalstig, <i>s</i>	Springfield, Mo., <i>ls.</i>	Berkeley, Cal.
MEN — 14	WOMEN — 9	TOTAL — 23

THE DANO-NORWEGIAN THEOLOGICAL SEMINARY

NAME	SCHOOL	HOME ADDRESS
Belltoft, Chriss, <i>a w sp</i>	Public <i>s.</i>	Merrills Grove, Ia.
Bergethon, Maximilian, <i>a w sp</i>	Public <i>s.</i>	Tacoma, Wash.
Dahl, Johannes, <i>a w sp</i>	Westeraalen, <i>ls.</i>	Hadsel, Norway
Elving, Carl Emil, <i>a w sp</i>	Gistrup <i>ls.</i> , Denmark	Vejle, Denmark
Erickson, Aron, <i>a w sp</i>	Public <i>s.</i>	Chicago
Fogdall, Soren Jacob Marius Peter- son, <i>a w sp</i>	Iowa State Normal <i>s.</i> ; Grad. (<i>Danish-Norwegian Theological sm., u. of Chicago</i>) '06	Waukegan
Fons, Louis, <i>a w sp</i>	Public <i>s.</i>	Waukegan
Heiberg, Nils Hansen, <i>a w sp</i>	Public <i>s.</i>	Chicago
Holmen, Magnus Berntsen, <i>a w sp</i>	Grad. (<i>Danish-Norwegian Theological sm., u. of Chicago</i>) '06	Christiania, Norway
Jacobsen, Albert William, <i>a w sp</i>	Public <i>s.</i>	Selma, Cal.
Jensen, Carl Leander, <i>a w sp</i>	Pillsbury <i>a.</i>	Walworth, Minn.
Johnson, Jonas Christian, <i>a w sp</i>	Public <i>s.</i>	Sparta, Minn.
Jørgensen, Peter, <i>a w sp</i>	Gistrup <i>ls.</i>	Cedar Rapids, Ia.
Kallestad, Jonas Gunelius, <i>a w sp</i>	Public <i>s.</i>	Skien, Norway.
Moe, Gerhard Ovesen, <i>a w sp</i>	Public <i>s.</i>	Sioux City, Ia.
Moe, John August, <i>a w sp</i>	Grad. (<i>Danish-Norwegian Theological sm., u. of Chicago</i>) '06	Bradford, Minn.
Mønnes, Erling, <i>a w sp</i>	Public <i>s.</i>	Westbrook, Minn.
Myren, Sivert, <i>a w sp</i>	Public <i>s.</i>	Sioux City, Ia.
Nelson, James, <i>a w sp</i>	Public <i>s.</i>	Dell Rapids, S. D.
Nielsen, Anders Peter, <i>a w sp</i>	Public <i>s.</i>	Sioux City, Ia.
Nilsen, Ingvald, <i>a w sp</i>	Public <i>s.</i>	Onalaska, Wis.
Nilsen, Nicolay Amandus, <i>a w sp</i>	Public <i>s.</i>	Trondhjem, Norway
Ohrn, Gjert Conrad, <i>a w sp</i>	Public <i>s.</i>	Racine, Wis.
Olsen, Bertinus, <i>a w sp</i>	Public <i>s.</i>	Hillsboro, N. D.
Stensland, Adolph, <i>a w sp</i>	Public <i>s.</i>	Christiania, Norway
Thompson, Lawrence, <i>a w sp</i>	Grad. (<i>Danish-Norwegian Theological sm., u. of Chicago</i>) '06	Tyler, Minn.
Thystrup, Thorwald Christian, <i>a w sp</i>	Grad. (<i>Danish-Norwegian Theological sm., u. of Chicago</i>) '06	Copenhagen, Denmark
Vinding, Jacob Ditlev, <i>a w sp</i>	Public <i>s.</i>	Cuppy Grove, Ia.
Woldhagen, Nils Hansen, <i>a w sp</i>	Business c. Trondhjem, Norway	Duluth, Minn.
MEN — 29	WOMEN — 0	TOTAL — 29

THE SWEDISH THEOLOGICAL SEMINARY

NAME	SCHOOL	HOME ADDRESS
Andersen, Carl Victor, <i>a w sp</i>	<i>Public s.</i>	Leonardville, Kan.
Andersen, Theodore, <i>a w sp</i>	<i>Public s.</i>	Verona, Mo.
Colvin, Alex, <i>a w sp</i>	<i>Sioux Falls c.</i>	Sioux Falls, S. D.
Erickson, John Paul, <i>a w sp</i>	<i>Public s.</i>	Sister Bay, Mich.
Erikson, Erik Oskar, <i>a w sp</i>	<i>Public s.</i>	Republic, Mich.
Forsell, Albert Caleb, <i>a w</i>	<i>Public s.</i>	Burlington, Ia.
Glad, Erick, <i>a w sp</i>	<i>Public s.</i>	Kenmare, N. D.
Gustafson, David Jonathan, <i>a</i>	<i>Public s.</i>	Chicago
Gustafson, Emil, <i>a w sp</i>	<i>Ongman's Mission s., Sweden</i>	Muskegon, Mich.
Hall, Ernest, <i>a w sp</i>	<i>Business c., Sioux City, Ia.</i>	Sioux City, Ia.
Hammarstrom, Samuel, <i>a w sp</i>	<i>South Omaha, Neb., hs.</i>	So. Omaha, Neb.
Holm, John Letari, <i>w</i>	<i>Morgan Park Scandinavian a.</i>	Leonardville, Kan.
Johnson, Andrew, <i>a w sp</i>	<i>Union c., Neb.</i>	Bismarck, N. D.
Johnson, Charles Ivar, <i>a w sp</i>	<i>Public s.</i>	McKeesport, Pa.
Johnson, John Carl, <i>w sp</i>	<i>Public s.</i>	Lake Sara, Minn.
Kallman, Johan Alfred, <i>w sp</i>	<i>Osterman's Missionary s.</i>	Chicago
Kardell, Erik, <i>a w sp</i>	<i>Public s.</i>	Bloomington, S. D.
Lager, Carl Herman, <i>a w sp</i>	<i>Bethel sm., Stockholm, Sweden</i>	Stockholm, Sweden
Larson, Andrew, <i>a w sp</i>	<i>Public s.</i>	Webster, Wis.
Linder, John, <i>w</i>	<i>Morgan Park Scandinavian a.</i>	Morris
Lund, Reynold, <i>a w</i>	<i>Public s.</i>	Manistique, Mich.
Lundgren, Johan Samuel, <i>a w sp</i>	<i>Public s.</i>	Boston, Mass.
Lysell, Algot Emanuel, <i>a w sp</i>	<i>Salvation Army Training s.</i>	New Britain, Conn.
Ostlund, John Gottfrid Herman, <i>w sp</i>	<i>Sundvall's Missionary s.</i>	Chicago
Ostrom, Hjalmar, <i>a w sp</i>	<i>Public s.</i>	Norwood, Mass.
Peterson, Charles Ivar, <i>a w sp</i>	<i>Worthington Public s., Minn.</i>	Albert Lea, Minn.
Peterson, Jacob, <i>a w sp</i>	<i>Public s.</i>	Kansas City, Mo.
Peterson, Victor Emil, <i>a w sp</i>	<i>William Madsen Hygienic Inst., Chicago</i>	Chicago
Segerstrom, Carl August, <i>a w sp</i>	<i>Fremont Normal s.; Grad. (Swedish Theological sm., u. of Chicago) '06</i>	So. Omaha, Neb.
Sjolin, Oscar, <i>a w sp</i>	<i>Public s.</i>	Denver, Colo.
Stormans, Andrew, <i>a w sp</i>	<i>Public s.</i>	Tacoma, Wash.
Sundstrom, Louis, <i>a w sp</i>	<i>Business c., San Francisco, Cal.</i>	New Britain, Conn.
Swanson, John August, <i>a w sp</i>	<i>Grad. (Swedish Theological sm., u. of Chicago) '06</i>	Chicago
Swanson, Joseph Wilhelm, <i>a w sp</i>	<i>Public s.</i>	Salem, S. D.
Tandquist, Joseph Eric, <i>a w sp</i>	<i>Mankato Commercial c.</i>	Mankato, Minn.
Thelin, Carl Ferdinand, <i>a w sp</i>	<i>Public s.</i>	Bridgeport, Conn.
Tolleen, Frank, <i>a w sp</i>	<i>Ongman's Mission s., Sweden</i>	Chicago
Vingren, Gunnar, <i>a w sp</i>	<i>Public s.</i>	Kansas City, Mo.
Westerdahl, Carl, <i>a w sp</i>	<i>Public s.</i>	Norwood, Mass.
Worgran, Carl Johan, <i>a w sp</i>	<i>Wasa Industrial s.; Grad. (Swedish Theological sm., u. of Chicago) '06</i>	Chicago
Zettervall, Jonas Peter, <i>a w sp</i>	<i>Bethel sm., Stockholm, Sweden</i>	Stockholm, Sweden

MEN — 41

WOMEN — 0

TOTAL — 41

THE LAW SCHOOL

THIRD-YEAR STUDENTS

NAME	DEGREE; COLLEGE ATTENDED	HOME ADDRESS
Abbott, Arthur Griffin, <i>a w sp</i>	A.B. (<i>Grand Island c.</i>) '01	Grand Island, Neb.
Alexander, Edward Isaac, Jr., <i>a w sp</i>		Jacksonville, Fla.
Ayer, Leslie James, <i>s a w sp</i>	B.S. (<i>Upper Iowa u.</i>) '99	Chicago
Baker, Walter Graves, <i>a w sp</i>	<i>Lombard c.</i> , 1901-3	Morrison
Barbour, Herbert Valodin, <i>s</i>	A.B. (<i>Indiana u.</i>) '99; LL.B. (<i>Ibid.</i>) '01	Detroit, Mich.
Brackney, Herbert Winfield, <i>a w sp</i>	Ph.B. (<i>u. of Iowa</i>) '04	Washta, Ia.
Cadwell, Charles Nickerson, <i>a w sp</i>	A.B. (<i>u. of Illinois</i>) '02; Ph.B. (<i>u. of Chicago</i>) '05	Cadwell
Chandler, Henry Porter, <i>s a w sp</i>	A.B. (<i>Harvard u.</i>) '01	Chicago
Cocke, Arthur Alvin, <i>s</i>	B.S. (<i>Southwestern u.</i>) '97; A.M. (<i>u. of Chicago</i>) '04	Georgetown, Tex.
Colwell, Clyde Coniah, <i>s a</i>	<i>Illinois Wesleyan u.</i> , 1894-6	Chicago
Fellheimer, Joseph Wallace, <i>a w sp</i>	Ph.B. (<i>u. of Chicago</i>) '04	Macomb
Gallup, Charles Edward, <i>s a w sp</i>	<i>u. of Michigan</i> , 1901-3	Chicago
Heckel, Fred Ernest, <i>s</i>	Ph.B. (<i>Upper Iowa u.</i>) '02; Ph.B. (<i>u. of Chicago</i>) '04	Millville, Ia.
Henicksman, Frank William, <i>a w sp</i>	A.B. (<i>Indiana u.</i>) '01; A.M. (<i>Ibid.</i>) '01	Chicago
Hirschl, Samuel Dillon, <i>a w sp</i>	S.B. (<i>u. of Chicago</i>) '04	Chicago
Hurlburt, David Guy, <i>s a</i>	Ph.B. (<i>u. of Chicago</i>) '99	Chicago
Jennison, Clark Saxe, <i>s a w sp</i>	<i>u. of Chicago</i> , 1901-3	La Grange
Keller, William Frederick, <i>s a</i>	S.B. (<i>Carthage c.</i>) '99; Ph.B. (<i>u. of Chicago</i>) '05	Sauk Centre, Minn.
Kent, Alfred Richard Grigg, <i>a w sp</i>	Ph.B. (<i>Colorado c.</i>) '05	Peabody, Kan.
Keyes, Victor Ernest, <i>s a w sp</i>	A.B. (<i>Ripon c.</i>) '03; Ph.B. (<i>u. of Chicago</i>) '04	Colorado Springs, Col.
Krippendorf, Otto, <i>s</i>	<i>u. of Illinois</i> , 1890-1	Cincinnati, O.
Kutchin, Victor Sherwood, <i>a w sp</i>	A.B. (<i>Friends u.</i>) '02; A.B. (<i>u. of Chicago</i>) '04	Dartford, Wis.
Lackey, Henry W., <i>s a</i>	A.B. (<i>Des Moines c.</i>) '01; A.B. (<i>u. of Chicago</i>) '02	Chicago
Lampl, Henry, <i>a w sp</i>	A.B. (<i>Ohio Wesleyan u.</i>) '04	Wichita, Kan.
Leemon, Harry Clayton, <i>s a w</i>	<i>Butler College</i> , 1898-1901; Ph.B. (<i>u. of Chicago</i>) '02	Chicago
Lippincott, Eugene Tullius, <i>s a w sp</i>	Graduate (<i>DeKalb Normal c.</i>) '02	Lima, O.
Lybrand, Walter Archibald, <i>s a</i>	<i>Upper Iowa u.</i> , 1899-1903; Ph.B. (<i>u. of Chicago</i>) '05	Indianapolis, Ind.
Madden, David Durward, <i>s a w sp</i>	A.B. (<i>u. of Toronto</i>) '02	Freeport
Malloy, Dennis Michael, <i>s a w sp</i>	Ph.B. (<i>Drake u.</i>) '03	Chicago
Meier, Delbert William, <i>s a</i>	A.B. (<i>Cornell u.</i>) '04; Ph.B. (<i>u. of Chicago</i>) '05	Deer Park, Ont., Can.
Moore, John Carlyle, <i>s sp</i>	Ph.B. (<i>u. of Chicago</i>) '01	El Reno, Okla.
Morgan, Porter Heath, <i>a w sp</i>	A. B. (<i>u. of Chicago</i>) '04	Joliet
Murphy, William Andrew, <i>a w sp</i>	<i>Brigham Young c.</i> , 1892-5	Chicago
McCaskill, Oliver LeRoy, <i>s</i>	A.B. (<i>u. of Illinois</i>) '04	Denison, Ia.
McHenry, George, <i>a w sp</i>	Ph.B. (<i>u. of Chicago</i>) '05	Logan, Utah
Nebeker, Horace Greeley, <i>a w sp</i>	Ph.B. (<i>u. of Chicago</i>) '04	Lily Lakes
Outhouse, Fred Myrine, <i>a w sp</i>	B.L. (<i>u. of Wisconsin</i>) '03; Ph.B. (<i>u. of Chicago</i>) '04	Morton Park
Radford, John Jeffrey, <i>s a w sp</i>	A.B. (<i>u. of Illinois</i>) '04; Ph.B. (<i>u. of Chicago</i>) '04	Crookston, Minn.
Rosenthal, David Falk, <i>a w sp</i>		Mineral Point, Wis.
Ross, Samuel Crawford, <i>s</i>		Chicago
Schreiber, Rudolph Ernst, <i>a w sp</i>		

THE LAW SCHOOL

NAME	DEGREE; COLLEGE ATTENDED	HOME ADDRESS
Sweet, Milliman White, <i>s a w sp</i>	A.B. (Oberlin c.) '00	Phoenix, N. Y.
Symmes, William Henry, <i>a w sp</i>	Ph.B. (u. of Chicago) '04	Aylmer, Quebec, Can.
Tobin, John Frederick, <i>s w sp</i>	A.B. (u. of Nebraska) '08	Lincoln, Neb.
Walker, Earl Jay, <i>s</i>	A.B. (Indiana u.) '02	Markle, Ind.
Walter, George Earl, <i>s</i>	A.B. (Carthage c.) '08; A.B. (u. of Chicago) '04	Canton
Wyman, Oliver Brown, <i>a</i>	Ph.B. (u. of Chicago) '04	Des Moines, Ia.
Wynekoop, Willard Walter, <i>a w sp</i>	Ph.B. (u. of Chicago) '04	Chicago

SECOND-YEAR STUDENTS

NAME	DEGREE; COLLEGE ATTENDED	HOME ADDRESS
Ashton, Elias Conway, <i>a w sp</i>	<i>Latter Day Saints c., 1897-9; u. of Chicago, 1903-4</i>	Salt Lake City, Utah
Bates, Jeanette, <i>a</i>	Ph.B. (u. of Chicago) '04	Chicago
Bell, William Harris Laird, <i>a w sp</i>	A.B. (Harvard u.) '04	Winona, Minn.
Bennett, Claude Albert, <i>a w sp</i>	B.S. (Yankton c.) '04	Canton, S. Dak.
Blake, James Bronson, <i>s a w sp</i>	A.B. (u. of Wisconsin) '04	Winona, Minn.
Bocobo, George Cleofas, <i>s</i>		Pura, P. I.
Brown, Louis Paul, <i>sp</i>	A.B. (Yale u.) '01	Des Moines, Ia.
Brown, Max, <i>s a w sp</i>	<i>u. of Michigan, 1902-4</i>	Salt Lake City, Utah
Bynum, Curtis Ashley, <i>s a w sp</i>	A.B. (u. of North Carolina) '08	Chicago
Canright, Garfield S., <i>a w sp</i>		Effingham, Kan.
Clancy, John Daniel, <i>a w sp</i>	<i>Beloit c., 1901-2</i>	Hebron
Coleberd, John Walter, <i>s</i>	Ph.B. (u. of Wooster) '96	South Whitley, Ind.
Collins, William Benjamin, <i>s</i>	B.L. (u. of Wisconsin) '01	Plymouth, Wis.
Cryor, Sydney Arthur, <i>s a w sp</i>	A.B. (Coe c.) '01	Dixon
Delgado, Francisco Afan, <i>s</i>	P.M. (Ateneo de Manila) '02	Manila, P. I.
Dempeey, Edward Joseph, <i>s</i>	Graduate (Whitewater Normal c.) '01	Madison, Wis.
Dickerson, James Dwight, <i>s a w sp</i>	A.B. (u. of Chicago) '06	Evanston
Eicher, Edward Clayton, <i>s</i>	Ph.B. (u. of Chicago) '04	Wayland, Ia.
Ferenbaugh, Burchard Blaine, <i>a w sp</i>	<i>Ohio State u., 1899-1900; u. of Chicago, 1902</i>	Buckeye City, O.
Frankham, Charles R., <i>s</i>	A.B. (Otterbein u.) '96; A.M. (Ohio State u.) '08; LL.B. (Ibid.) '04	Columbus, O.
Gibboney, Robert More, <i>s a w</i>	Ph.B. (u. of Chicago) '05	Rockford
Hall, Arnold Bennett, <i>a w sp</i>	A.B. (Franklin c.) '04	Franklin, Ind.
Hunter, Roy H., <i>a w sp</i>	A.B. (Kenyon c.) '03	Danville, O.
Huston, Charles Andrews, <i>s a w sp</i>	A.B. (u. of Chicago) '02	Chicago
Ickes, Harold LeClair, <i>s a w sp</i>	A.B. (u. of Chicago) '97	Chicago
Jackson, William Hayden, <i>s a w sp</i>	A.B. (u. of Chicago) '99	Chicago
de Joya, Mariano Honrade, <i>s</i>		Batangas, P. I.
Kirkpatrick, William Wesley, <i>s a w sp</i>	B.S. (Purdue u.) '01	LaFayette, Ind.
Lamar, Clyde Park, <i>s sp</i>	B.S. (Valparaiso c.) '98; A.B. (Ibid.) '97; LL.B. (Northwestern u.) '03	Chicago
Lewinsohn, Joseph Louis, <i>a w sp</i>	Ph.B. (u. of Chicago) '05	Chicago
Lyon, Sidney, <i>w sp</i>	A.B. (u. of Michigan) '02	Chicago
Maddox, Roy Oswald, <i>s a w sp</i>	<i>u. of Missouri, 1900-2</i>	Brookfield, Mo.
Maple, Edgar Donald, <i>a w sp</i>	A.B. (Union Christian c.) '01	Sullivan, Ind.
Miller, Owen Orville, <i>w sp</i>	A.B. (Indiana u.) '00; A.M. (Harvard u.) '02	Chicago
Moffat, David William, <i>s</i>		Murray, Utah
McKeag, James, <i>s a w sp</i>	Ph.B. (Iowa c.) '02	Grinnell, Ia.

THE LAW SCHOOL

NAME	DEGREE; COLLEGE ATTENDED	HOME ADDRESS
McMahon, Stephen John, <i>s</i>	Ph.B. (u. of Wisconsin) '03	Manitowoc, Wis.
Nakamura, Yoshitaro, <i>a w sp</i>	A.B. (u. of Washington) '04	Kanagawa Prefecture Japan
Peabody, William Henry, <i>a w</i>	A.B. (Williams c.) '04	Chicago
Perrin, George Gulliver, <i>a w sp</i>	u. of Illinois, 1901-3; Ph.B. (u. of Chicago) '06	La Harpe
Rooney, Walter Allawishes, <i>a w sp</i>	u. of Chicago, 1901-4	Chicago
Rosen, Edward Daniel, <i>s</i>	Ph.B. (u. of Chicago) '05	Chicago
Sass, George, <i>a w sp</i>	Ph.B. (u. of Chicago) '06	Chicago
Sercomb, Royal Charles, <i>a w sp</i>	A.B. (Beloit c.) '06	Milwaukee, Wis.
Slauson, D. R., <i>a w sp</i>	Ph.B. (Colorado c.) '08	Colorado Springs, Col.
Stephens, Thomas Calvin, <i>s</i>	A.B. (Ohio Northern u.) '99; u. of Chicago, 1900, 1902	Weston, Ga.
Taylor, George William, <i>s</i>	Graduate (Whitewater Normal c.) '00	Kenosha, Wis.
Uhl, Alfred Woodbridge, <i>s</i>	B.S. (u. of Minnesota) '96	Faribault, Minn.
Valdés-Díaz, José Eduardo, <i>s</i>	P.M. (Ateneo de Manila) '96	Manila, P. I.
Vernier, Chester Garfield, <i>a w sp</i>	A.B. (Butler c.) '08; Ph.B. (u. of Chicago) '04	Liberty, Ind.
Webb, Charles Julian, <i>s a w sp</i>	Senior (u. of Chicago)	Arcadia, Wis.
Webb, Daniel Clary, <i>a w sp</i>	Senior (u. of Chicago)	Bell Buckle, Tenn.
Wilber, Charles Henry, <i>a w sp</i>	Ph.B. (u. of Chicago) '05	Chicago
Wilson, Lyman Perl, <i>a w sp</i>	B.S. (Knox c.) '04	Galesburg
Woodward, Dudley Kezer, <i>s a w sp</i>	B. S. (u. of Texas) '01	Taylor, Tex.
Wright, John Stephen, <i>a w sp</i>	Ph.B. (u. of Chicago) '06	Canton
Yoran, Clarence Garfield, <i>a w sp</i>	Ph.B. (Cornell c.) '08	Manchester, Ia.

FIRST-YEAR STUDENTS

NAME	DEGREE; COLLEGE ATTENDED	HOME ADDRESS
Abbott, Edith, <i>s</i>	A.B. (u. of Nebraska) '01; Ph.D. (u. of Chicago) '06	Grand Island, Neb.
Adams, Henry Llewellyn, <i>a w sp</i>	B.S. (Upper Iowa u.) '97; A.M. (Ibid.) '05	West Union, Ia.
Altmaier, Carl Lewis, <i>s</i>	Senior (Princeton u.) 1902-5	Lansdowne, Pa.
Armstrong, Wynn, <i>s</i>	Senior (u. of Chicago)	Camden, N. J.
Baird, Frederick Rogers, <i>a w sp</i>	u. of Utah, 1902-5	Chicago
Barnes, Claude Teancum, <i>a w sp</i>	A.B. (Marietta c.) '90; A.M. (Ibid) '98 Ph.D. (u. of Wooster) '00	Kaysville, Utah
Barnes, Jasper Converse, <i>s</i>	A.B. (u. of Illinois) '08	Maryville, Tenn.
Black, George W., <i>a w sp</i>		Oakland
Bowman, John Fife, <i>w sp</i>		Salt Lake City, Utah
Boyer, Albert Lynn, <i>s</i>	A.B. (Hanover c.) '08	Otto, Ind.
Bruce, Charles Arthur, <i>a w sp</i>	Senior (u. of Chicago)	Kansas City, Mo.
Caldwell, Clarence Carey, <i>s</i>	A.B. (u. of South Dakota) '02	Hartford, S. Dak.
Callahan, Dennis Edward, <i>s</i>	A.B. (Boston c.) '01	Lawrence, Mass.
Carlisle, Kitto Stanley, <i>a w sp</i>	A.B. (Kenyon c.) '08	Fostoria, O.
Carlson, Oscar William, <i>a w sp</i>	A.B. (u. of Utah) '05	Calderpark Station, Utah
Carter, Allan, <i>a w sp</i>	u. of Chicago, 1903-5	De Kalb
Cirkel, August, <i>w</i>	A.B. (Lawrence u.) '86	Chicago
Clark, Ernest Willum, <i>a w sp</i>	Des Moines c., 1901-2	Osage, Ia.
Crum, Virgil, <i>a w sp</i>	B.S. (Adrian c.) '05	La Harpe
Diehl, Harry Louis, <i>a</i>		Chicago
Dixon, George Conard, <i>a w sp</i>		Dixon

THE LAW SCHOOL

NAME	DEGREE; COLLEGE ATTENDED	HOME ADDRESS
Dodge, Paul Hunter, <i>a w sp</i>	Senior (u. of Chicago)	Goshen, Ind.
Elston, Fred Carrol, <i>a w sp</i>	Senior (u. of Minnesota) 1902-5	Duluth, Minn.
Enoch, Albert Blaise, <i>a w sp</i>	Senior (u. of Chicago)	Ottumwa, Ia.
Feuling, Eugene Julius, <i>s</i>	M.D. (Iowa State Normal c.) '04	Ionis, Ia.
Fletcher, John Storrs, <i>s</i>	B.S. (Dartmouth c.) '04; LL.B. (Grant u.) '05	Chattanooga, Tenn.
Fletcher, Thomas, <i>s</i>	B.S. (u. of Texas) '01	Houston, Tex.
Foster, John Edwin, <i>a w sp</i>	A.B. (u. of Chicago) '04	La Moille
Friend, Hugo Morris, <i>s a w</i>	Ph.B. (u. of Chicago) '06	Chicago
Garrard, Thompson Theodore, Jr., <i>a w sp</i>	Forth Worth u., 1902-5	Cooper, Tex.
Gorrell, George Washington, <i>s</i>	A.B. (Ohio Wesleyan u.) '08	Culver, Ind.
Grimm, Otto Frederick, <i>a w sp</i>	Senior (u. of Michigan) 1901-5	Alpena, Mich.
Grimson, Gudmundur <i>s a w</i>	A.B. (u. of North Dakota) '04	Milton, N. Dak.
Hatfield, William Henry, Jr., <i>a w sp</i>	A.B. (u. of Chicago) '04	Poughkeepsie, N. Y.
Hayes, John, Jr., <i>a w sp</i>	u. of Chicago, 1904-5	Rochelle
Herskowitz, Albert, <i>a w</i>	u. of Chicago, 1904-5	Oklahoma City, Okla.
Hook, Inghram Dickson, <i>s</i>	Ph.B. (u. of Chicago) '05	Leavenworth, Kan.
Hockett, Howard L., <i>a</i>	B.S. (Penn c.) '05	Linden, Ia.
Hooper, Arthur Lorraine, <i>a w sp</i>	A.B. (Washington State c.) '08	Johnson, Wash.
Hopkins, Albert Lafayette, <i>sp</i>	A.B. (u. of Chicago) '05	Hickory, Miss.
Hopkins, John Lamar, <i>s a w sp</i>	A.B. (u. of Mississippi) '06	Hickory, Miss.
Hoxie, Herbert Franklin, <i>s</i>	Ph.B. (u. of Chicago) '08; Ph.D. (Ibid.) '05	Ithaca, N. Y.
Hulser, Edward Hawkins, <i>s a w sp</i>	Ph.B. (Morningside c.) '05	Auburn, Ia.
Hultman, Frank Magnus, <i>a w sp</i>	Senior (u. of Chicago)	Omaha, Neb.
Johnson, Walter Murray, <i>s</i>	Senior (u. of Chicago)	Chicago
Lavadia, Catalino, <i>s</i>	A.B. (Ateneo de Manila) '07	Laguna, P. I.
Lawyer, Harmon Lee, <i>s</i>	A.B. (Olivet c.) '05; A.B. (u. of Michigan) '01	Leadville, Colo.
Leary, William Henry, <i>a w sp</i>	A.B. (Amherst c.) '03	Salt Lake City, Utah
Leffler, Shepherd, <i>a w</i>	A.B. (u. of Missouri) '04	Maryville, Mo.
Lenahan, Paul, <i>a w sp</i>	u. of Chicago, 1904-5	Dubuque, Ia.
Lewis, Edwin Colby, <i>s</i>	A.B. (Yale u.) '01	Detroit, Mich.
Liver, John Irving, <i>a w sp</i>	Senior (u. of Wisconsin) 1901-5	Hartford, Wis.
Lobb, Albert James, <i>s</i>	A.B. (Ripon c.) '05	Ripon, Wis.
Long, Perry, J., <i>a w sp</i>	A.B. (Ohio Northern u.) '08; Senior (u. of Chicago)	New Harrisburg, O.
Luman, Taylor Amos, <i>s</i>	A.B. (Kentucky Wesleyan c.) '01; A.M. (Ibid.) '04	Flemingsburg, Ky.
Lopez, Ramon Villanueva, <i>a</i>	A.B. (Letran c.) '06; Graduate (Liceo Law School) '00	Panay, Iloilo, P. I.
Lyon, Sanford Avery, <i>sp</i>	Senior (u. of Chicago)	Huron, S. Dak.
Magee, Wayland Wells, <i>a w sp</i>	S.B. (u. of Chicago) '05	Chicago
Martin, Isaac Crouse, <i>s</i>	A.B. (Monmouth c.) '03	Chicago
Matthews, William John, <i>a w sp</i>	Senior (u. of Chicago)	Monmouth
Mendel, Herman, Jr., <i>a w sp</i>	Ph.B. (Denison u.) '05	Chicago
Miller, Ralph Banton, <i>a w sp</i>	u. of Chicago, 1902-4	Newark, O.
Mitchell, Wayne DeFrees, <i>a w sp</i>	B.S. (Denison u.) '04	Goshen, Ind.
Montgomery, Orville Cooley, <i>s</i>	A.B. (Harvard u.) '09; A.M. (Ibid.) '00	Pataskala, O.
McDaniels, George Nelson, <i>s</i>	B.S. (Kalamazoo c.) '04	St. Louis, Mo.
MacDonald, Torrance Hugh, <i>a</i>	A.B. (Butler c.) '04; A.M. (u. of Chicago) '05	Mt. Clemens, Mich.
McElroy, Charles Foster, <i>a w sp</i>	LL.B. (Chicago-Kent c. of Law) '02	Springfield
McMahon, George <i>sp</i>	u. of Chicago, 1899	Chicago
Nelson, David Ation, <i>s</i>		Salt Lake City, Utah

THE LAW SCHOOL

NAME	DEGREE; COLLEGE ATTENDED	HOME ADDRESS
Nelson, Frank Daniel, <i>s</i>	Ph.B. (<i>Des Moines c.</i>) '01	Harlan, Ia.
Paltzer, Charles Walter, <i>a w sp</i>	Ph.B. (<i>u. of Chicago</i>) '05	Chicago
Paulson, Henry Olaus, <i>w sp</i>	A.B. (<i>u. of Wisconsin</i>) '05	Mt. Horeb, Wis.
Ponce, Alfonso Enrile, <i>a w</i>	A.B. (<i>u. of Manila</i>) '08	Baliwag, Bulakan, P. I.
Pope, James Pinckney, <i>w sp</i>		Ruston, La.
Porter, Nathan Tanner, <i>s</i>	A.B. (<i>u. of Utah</i>) '00; Ph.M. (<i>u. of Chicago</i>) '05	Centerville, Utah.
Pritchard, Norman Hathaway, <i>a w sp</i>	A.B. (<i>Franklin c.</i>) '04	Franklin, Ind.
Purdy, Vail Eugene, <i>a w sp</i>	Senior (<i>u. of Chicago</i>)	Omaha, Neb.
Quirino, Ernesto Rivera, <i>s a w sp</i>	Oberlin c., 1904-5	Cavayan, P. I.
Reed, Horace Garner, <i>a w sp</i>	Senior (<i>u. of Minnesota</i>) 1902-5	Minneapolis, Minn.
Rice, Corinne Lelia, <i>sp</i>	Mt. Holyoke c., 1887-91; Ph.B. (<i>u. of Chicago</i>) '99	Sullivan, O.
Richter, Arthur William, <i>s a w sp</i>	A.B. (<i>u. of Chicago</i>) '06	Blue Island
Schenk, Frederick William, <i>a w sp</i>	Harvard u., 1900-2	Chicago
Scott, Robert Bruce, <i>a w sp</i>	<i>u. of Wisconsin</i> , 1891-3; Ph.B. (<i>u. of Pennsylvania</i>) '95	Chicago
Scott, Walter, <i>a w sp</i>	A.B. (<i>Ohio Wesleyan u.</i>) '05	Chicago
Sentz, Channing Lovell, <i>w sp</i>	A.B. (<i>Oberlin c.</i>) '05	Cleveland, O.
Sheneman, Roy, <i>s</i>		Walkerton, Ind.
Simonton, James Wiggins, <i>a w sp</i>	A.B. (<i>Indiana u.</i>) '08	Chicago
Smith, James Kelly, <i>s</i>	A.B. (<i>Clinton c.</i>) '96	Clinton, Ky.
Sniffen, Joseph Madison, <i>a w sp</i>	A.B. (<i>Cornell c.</i>) '98; A.B. (<i>Harvard u.</i>) '02	Morgan Park
Stearns, Tilden Hendricks, <i>s a sp</i>	A.B. (<i>Brown u.</i>) '03	Wilmot, N. H.
Steven, Hiram Allen, <i>a w sp</i>	B. S. (<i>Wheaton c.</i>) '04	Wheaton
Swigert, Robert Guy, <i>w sp</i>		Burlington, Ia.
Wenrich, Calvin Naftzinger <i>s</i>	A.B. (<i>Franklin and Marshall c.</i>) '02; A.M. (<i>Ibid.</i>) '05	North Heidelberg, Pa.
Wiggins, Robert Lemuel, Jr., <i>s</i>	A.B. (<i>Emory c.</i>) '08	Lumpkin, Ga.
Woolf, Walter Edward, <i>a w sp</i>	Heidelberg u., 1898-1905	Tiffin, O.
Wright, Isaac Clark, <i>s w sp</i>	A.B. (<i>u. of North Carolina</i>) '05; A.M. (<i>Ibid.</i>) '05	Coharie, N. C.
Zimmerman, Homer George, <i>a</i>	<i>u. of Illinois</i> , 1903-4; <i>u. of Chicago</i> , 1904-5	Canton, O.

UNCLASSIFIED STUDENTS

NAME	HOME ADDRESS
Burns, William Cullen, <i>s</i>	Oswego, Kan.
Edwards, Gasper, <i>a w sp</i>	Sylvia, Kan.

STUDENTS IN OTHER DEPARTMENTS TAKING LAW COURSES

NAME	DEGREE; COLLEGE ATTENDED	HOME ADDRESS
Bretz, Julian Pleasant, <i>w</i>	A.B. (<i>William Jewell c.</i>) '99	Chicago
Bridgeman, Donald Elliot, <i>a w</i>	A.B. (<i>Hamline u.</i>) '08	St. Paul, Minn.
Briggs, Larry, <i>sp</i>	A.B. (<i>u. of Michigan</i>) '05	Manton, Mich.
Dodd, Walter Fairleigh, <i>s</i>	A.B. (<i>Florida State c.</i>) '96; B.S. (<i>John B. Stetson u.</i>) '01; Ph.D. (<i>u. of Chicago</i>) '05	Washington, D. C.
Driggs, Howard Roscoe, <i>sp</i>	<i>u. of Utah</i> , 1895-7; <i>u. of Chicago</i> , 1902-4, 1905-6	Pleasant Grove, Utah
Dubach, Otto Frederick, <i>s</i>	Ph.B. (<i>Ottawa u.</i>) '98; Ph.M. (<i>u. of Chicago</i>) '05	Colorado Springs, Colo.
Faust, George Reinhard, <i>w</i>	Senior c. (<i>u. of Chicago</i>)	Chicago
Freeman, Harry Struble, <i>sp</i>	<i>Illinois c.</i> , 1902-5; Senior c. (<i>u. of Chicago</i>)	Jacksonville
Garnett, Cyrus Logan, <i>w sp</i>	Senior c. (<i>u. of Chicago</i>)	Chicago
Hopkins, Alfred Lafayette, <i>a w</i>	A.B. (<i>u. of Chicago</i>) '05	Hickory, Miss.

THE LAW SCHOOL

NAME	DEGREE; COLLEGE ATTENDED	HOME ADDRESS
Hostetter, Earl DeWitt, <i>a</i>	Junior c. (u. of Chicago)	Chicago
Hulbert, James Root, <i>w sp</i>	Junior c. (u. of Chicago)	Chicago
Lyon, Sanford Avery, <i>w</i>	Senior c. (u. of Chicago)	Huron, S. Dak.
Morgan, Harry Dale, <i>sp</i>	(Bradley Institute) 1902-4; Senior c. (u. of Chicago)	Peoria
O'Donnell, Paul Maurice, <i>w</i>	Senior c. (u. of Chicago)	Vincennes, Ind.
Pfeiffer, George Stacey, <i>a</i>	Junior c. (u. of Chicago)	Chicago
Ragsdale, George Tilden, <i>s</i>	Ph.B. (u. of Chicago) '05	Trafalgar, Ind.
Rice, Corinne Lelia, <i>s a w</i>	Ph.B. (u. of Chicago) '09	Sullivan, O.
Stenmo, Albert, <i>a w</i>	A.B. (u. of North Dakota) '08; Senior c. (u. of Chicago)	Hatton, N. Dak.
Willett, Howard Levanselleer, <i>a</i>	Senior c. (u. of Chicago)	Chicago

SUMMARY OF ATTENDANCE IN THE LAW SCHOOL, 1905-6

Third-Year Students.....	48	Students in Law School.....	204
Second-Year Students.....	57	Students in other Departments taking Law Courses.....	20
First-Year Students.....	97	Total.....	224
Unclassified Students.....	2	Repetitions.....	3
TOTAL IN LAW SCHOOL.....	204	GRAND TOTAL.....	221

COLLEGES REPRESENTED BY STUDENTS IN THE LAW SCHOOL, 1905-1906 *

Adrian College - - - - 1	Iowa College - - - - 1	Princeton University - - - - 1
Amherst College - - - - 1	University of Iowa - - - - 1	Purdue University - - - - 1
Ateneo de Manila - - - - 3	Iowa State Normal College - - - - 1	Ripon College - - - - 2
Beloit College - - - - 2	Kalamazoo College - - - - 1	University of South Dakota - - - - 1
Boston College - - - - 1	Kentucky Wesleyan College - - - - 1	Southwestern University - - - - 1
Brigham Young College - - - - 1	Kenyon College - - - - 2	University of Texas - - - - 2
Brown University - - - - 1	Knox College - - - - 1	University of Toronto - - - - 1
Butler College - - - - 3	Latter Day Saints College - - - - 1	Union Christian College - - - - 1
Carthage College - - - - 2	Lawrence University - - - - 1	Upper Iowa University - - - - 4
University of Chicago - - - - 63	Letran College - - - - 1	University of Utah - - - - 3
Clinton College - - - - 1	Lombard College - - - - 1	Valparaiso College - - - - 1
Coe College - - - - 1	University of Manila - - - - 1	University of Washington - - - - 1
Colorado College - - - - 2	Marietta College - - - - 1	Washington State College - - - - 1
Cornell College - - - - 2	University of Michigan - - - - 5	Wheaton College - - - - 1
Cornell University - - - - 1	University of Minnesota - - - - 3	Williams College - - - - 1
Dartmouth College - - - - 1	University of Mississippi - - - - 1	University of Wisconsin - - - - 6
Denison University - - - - 2	University of Missouri - - - - 2	University of Wooster - - - - 2
Des Moines College - - - - 3	Monmouth College - - - - 1	Yale University - - - - 2
Drake University - - - - 1	Morningside College - - - - 1	Yankton College - - - - 1
Emory College - - - - 1	Mount Holyoke College - - - - 1	Total - - - - 204
Fort Worth University - - - - 1	University of Nebraska - - - - 2	Repetitions (deduct) - - - - 20
Franklin College - - - - 2	University of North Carolina - - - - 2	Total College Students - - - - 184
Franklin and Marshall College - - - - 1	University of North Dakota - - - - 1	Graduates of Normal Schools of Collegiate Rank - - - - 3
Friends University - - - - 3	Oberlin College - - - - 3	184
Grand Island College - - - - 1	Ohio Northern University - - - - 2	Non-College Students - - - - 20
Hanover College - - - - 1	Ohio State University - - - - 2	Total in Law School - - - - 204
Harvard University - - - - 6	Ohio Wesleyan University - - - - 3	Number of Colleges - - - - 81
Heidelberg University - - - - 1	Olivet College - - - - 1	
University of Illinois - - - - 7	Otterbein University - - - - 1	
Illinois Wesleyan University - - - - 1	Penn College - - - - 1	
Indiana University - - - - 5	University of Pennsylvania - - - - 1	

* Besides candidates for the degree of J.D., the above list includes 21 candidates for the degree of LL.B. who have had two or more years of college work, and 7 who have had one year. Students from other colleges whose work in the University has been entirely in the Law School are credited to their former colleges only, though they may have obtained an academic degree from the University.

THE MEDICAL STUDENTS

NAME	PREVIOUS INSTITUTION	HOME ADDRESS
Abbott, Fred Edgerton, <i>a w sp</i>	S.B. (<i>Northwestern u.</i>) '08	Kearney, Neb.
Aitken, Arthur Noble, <i>a w sp</i>	Senior c. (<i>u. of Chicago</i>)	Harvey
Alch, George Harris, <i>w</i>	<i>Kansas City Medical c.</i>	Chicago
Anker, Ibrisina Charles, <i>s a w sp</i>	Practitioner	Chicago
Arminen, Karlo Vilhelm, <i>s sp</i>	A.M. (<i>u. of Helsingfors</i>) '98	Hancock, Mich.
Arrington, O. N., <i>a</i>	Unclassified (<i>u. of Chicago</i>)	Brookhaven, Miss.
Auten, Anna Rebecca, <i>s</i>	A.B. (<i>Oberlin c.</i>) '96	Monica
Avery, Frederick T., <i>s</i>	Unclassified (<i>u. of Chicago</i>)	Chicago
Baker, Edward Hall, <i>a w sp</i>	A.B. (<i>Beloit c.</i>) '84	New York
Bamberger, Arrie, <i>w sp</i>	Senior c. (<i>u. of Chicago</i>)	Chicago
Barber, George Stanley, <i>a w sp</i>	A.B. (<i>u. of Wisconsin</i>) '05	Lawton, Okla.
Barber, Gideon Lanning, <i>a w</i>	A.B. (<i>Union c.</i>) '67	Chicago
Barnard, William Calvert, <i>a</i>	A.B. (<i>Texas Christian u.</i>) '05	Cleburne, Tex.
Barnes, Benjamin Spafford, <i>a w sp</i>	Senior c. (<i>u. of Chicago</i>)	Tabor, Ia.
Barton, Roy F., <i>a w</i>	Unclassified (<i>u. of Chicago</i>)	Pittsfield
Beall, Arthur Galloway, <i>s a</i>	Junior c. (<i>u. of Chicago</i>)	Shannon City, Ia.
Becht, Frank Christian, <i>a w sp</i>	Senior c. (<i>u. of Chicago</i>)	East Peoria
Bell, Charles Thomas, <i>a w sp</i>	A.B. (<i>u. of Missouri</i>) '99	Maryville, Mo.
Berg, Sigurd Anton, <i>s</i>	<i>Rush Medical College</i>	Granite Falls, Minn.
Berlin, Louis S., <i>a w</i>	Senior c. (<i>u. of Chicago</i>)	Chicago
Bernard, Ransom Drips, <i>s</i>	A.B. (<i>u. of Wisconsin</i>) '04	Chicago
Blakey, Herbert Brush, <i>s</i>	<i>South Side Academy</i>	Union Grove, Wis.
Blatherwick, Alex Arthur, <i>a w sp</i>	Ph.B. (<i>Iowa c.</i>) '05	Grinnell, Ia.
Blatherwick, George Washington, <i>a w sp</i>	Ph.B. (<i>Iowa c.</i>) '05	Grinnell, Ia.
Bliss, Guy Luvergne, <i>sp</i>	S.B. (<i>u. of Chicago</i>) '03	Sandwich
Bodman, Edward Whitney, <i>s</i>	A.B. (<i>Williams c.</i>) '08	Chicago
Bese, Yotmdramdhav, <i>s</i>	Senior c. (<i>u. of Chicago</i>)	Bengal, India
Braude, Benjamin, <i>a w sp</i>	<i>Iowa State u.</i>	Chicago
Braunwarth, Jessie, <i>s</i>	Unclassified (<i>u. of Chicago</i>)	Muscataine, Ia.
Brenner, Roxie, <i>w sp</i>	A.B. (<i>Wheaton c.</i>) '05	Evansville, Ind.
Breyer, John Henry, <i>a w sp</i>	A.B. (<i>Washington and Lee u.</i>) '03	Hinsdale
Brown, Benjamin Henton, <i>s</i>	A.B. (<i>u. of Wooster</i>) '02	Waverly, Mo.
Brown, Horatio Alfred, <i>w sp</i>	A.B. (<i>Williams c.</i>) '05	Wooster, O.
Buffum, Roy Luman, <i>a w sp</i>	<i>Amity c.</i>	Toulon
Calhoun, Frank Warren,	A.B. (<i>u. of Illinois</i>) '05	Mt. Ayr, Ia.
Carter, Ralph Merle, <i>a w sp</i>	<i>Rush Medical c.</i>	Decatur
Chapman, Winthrop Severance, <i>w sp</i>	A.B. (<i>Knox c.</i>) '08	St. James, Minn.
Childs, Ben, <i>s a w sp</i>	Unclassified (<i>u. of Chicago</i>)	Keithsburg
Christensen, Edward P., <i>s</i>	S.B. (<i>u. of Arkansas</i>) '03	Ludington, Mich.
Clark, Elbert, <i>a</i>	A.B. (<i>Indiana u.</i>) '97	Waldo, Ark.
Clarke, Charles Robertson, <i>s</i>	Junior c. (<i>u. of Chicago</i>)	Auburn, Ind.
Clements, Melbourne, <i>sp</i>	A.B. (<i>u. of Wisconsin</i>) '05	Nashville, Tenn.
Corlett, Ralph, <i>a w sp</i>	Senior c. (<i>u. of Chicago</i>)	Harvard
Cornell, Edward Lyman, <i>a w</i>	Senior c. (<i>u. of Chicago</i>)	Chicago
Craig, Alexander, <i>sp</i>	A.B. (<i>u. of Wisconsin</i>) '05	Rock Island
Darling, Walter Gregory, <i>a w sp</i>	A.B. (<i>u. of Oregon</i>) '05	Crystal Falls, Mich.
Davis, Carl H., <i>a w sp</i>		Eugene, Ore.

THE MEDICAL STUDENTS

NAME	PREVIOUS INSTITUTION	HOME ADDRESS
Davis, Robert Gaylor, <i>a w sp</i>	S.B. (<i>Simpson c.</i>) '05	Indianola, Ia.
Denney, Robert Stevenson, <i>a w sp</i>	Senior c. (<i>u. of Chicago</i>)	Aurora
Donker, Adrian Edward, <i>w</i>	Senior c. (<i>u. of Chicago</i>)	Grand Rapids, Mich.
Doran, Sadie Celia, <i>s a w sp</i>	Unclassified (<i>u. of Chicago</i>)	Davenport, Ia.
Doseff, Dosu, <i>a w sp</i>	S.B. (<i>Whitworth c.</i>) '05	Tacoma, Wash.
Eggers, Harold Everett, <i>a w sp</i>	S.B. (<i>u. of Wisconsin</i>) '05	Two Rivers, Wis.
Elliott, Addison Eugene, <i>w sp</i>	S.B. (<i>Knoc c.</i>) '08	Table Grove
Enfield, Charles Darwin, <i>w sp</i>	Junior c. (<i>u. of Chicago</i>)	Jefferson, Ia.
Ferry, Francis Charles, <i>a</i>	Practitioner	Hollywood, Cal.
Fink, Bruce, <i>s</i>	S.M. (<i>u. of Illinois</i>) '94; A.M. (<i>Harvard u.</i>) '96; Ph.D. (<i>u. of Minnesota</i>) '99	Grinnell, Ia.
Fischer, Hayden Lyle, <i>a w sp</i>	Junior c. (<i>u. of Chicago</i>)	Kewanee
Fisher, Ralph Stephen, <i>s a</i>	<i>Leland Stanford u.</i>	Chicago
Flinn, Thomas Edwin, <i>a w sp</i>	A.B. (<i>Macalaster c.</i>) '05	Redwood Falls, Minn.
Flores, Gabriel P., <i>s</i>	<i>u. of Missouri</i>	Manila, P. I.
Forgave, Harrison S., <i>sp</i>	Unclassified (<i>u. of Chicago</i>)	St. Joseph, Mo.
Forney, Samuel Wilcox, <i>a w sp</i>	Junior c. (<i>u. of Chicago</i>)	Minock
Foster, Frederick Lewis, <i>s</i>	Unclassified (<i>u. of Chicago</i>)	Fond du Lac, Wis.
Frank, Louis Harry, <i>w sp</i>	Senior c. (<i>u. of Chicago</i>)	Chicago
Fredrickson, Frederick O., <i>a w sp</i>	<i>Lewis inst.</i>	Chicago
Fuhs, Isadore Harlem, <i>s</i>	A.B. (<i>Indiana u.</i>) '05	Mt. Vernon, Ind.
Gardner, Miriam, <i>s</i>	<i>Chase School for Girls</i>	Hamilton, O.
Gerstley, Jesse Robert, <i>a w sp</i>	Senior c. (<i>u. of Chicago</i>)	Chicago
Gilfillan, Margery, <i>a w sp</i>	Unclassified (<i>u. of Chicago</i>)	New Castle, Pa.
Gomez, Liborio, <i>s a w sp</i>	A.B. (<i>San Juan de Letran</i>) '08	Calumpit, P. I.
Gonzalez, Jesus, <i>a w sp</i>	A.B. (<i>San Juan de Letran</i>) '—	Pampanga, P. I.
Good, Robert Hosea, <i>s</i>	S.B. (<i>Albion c.</i>) '99; M.D. (<i>Rush Medical c.</i>) '02	Chicago
Goodman, Herbert Marcus, <i>a w sp</i>	S.B. (<i>u. of Chicago</i>) '05	Chicago
Graham, Evarts Ambrose, <i>s sp</i>	A.B. (<i>Princeton u.</i>) '04	Chicago
Green, John Winston, <i>a w sp</i>	Junior c. (<i>u. of Chicago</i>)	Albion, Ind.
Greer, James Richard, <i>a w sp</i>	Senior c. (<i>u. of Chicago</i>)	Chicago
Greenberg, Otto, <i>s w</i>	Unclassified (<i>u. of Chicago</i>)	New York City
Groman, Herman Charles, <i>s</i>	A.B. (<i>Yale u.</i>) '04	Adobolt, Ia.
Guazon, Patenciano C., <i>s a w sp</i>	A.B. (<i>Atenso de Manila</i>) '08	Manila, P. I.
Guillame, William, <i>s</i>	Unclassified (<i>u. of Chicago</i>)	Elk Point, S. D.
Gunn, Neil M., <i>a w sp</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Hall, George W., <i>s</i>	S.B. (<i>Nebraska c.</i>) '90; M.D. (<i>Rush Medical c.</i>) '98	Chicago
Halsey, Henry Rowland, <i>s</i>	<i>State Normal, Oshkosh</i>	Oshkosh, Wis.
Hanchett, William MacMicken, <i>s a w sp</i>	A.B. (<i>Harvard u.</i>) '03	Council Bluffs, Ia
Hanson, Daisy M., <i>s</i>	A.B. (<i>u. of Nebraska</i>) '01	Lincoln, Neb.
Hare, Charles Benjamin, <i>sp</i>	Unclassified (<i>u. of Chicago</i>)	Pawnee City, Neb.
Harms, Frank Henry, <i>a w</i>	Ph.B. (<i>u. of Chicago</i>) '99	Chicago
Hartigan, Eugene Lawrence, <i>a w sp</i>	Ph.B. (<i>u. of Chicago</i>) '04	Chicago
Hasner, Robert B., <i>a w sp</i>	Senior c. (<i>u. of Chicago</i>)	Independence, Ia.
Hays, Samuel B., <i>s</i>	M.D. (<i>Kentucky School of Medicine</i>) '02	Louisville, Ky.
Herdman, Samuel Beck, <i>a w sp</i>	Senior c. (<i>u. of Chicago</i>)	Taylorville
Hill, John Frederick, <i>a w</i>	Junior c. (<i>u. of Chicago</i>)	Lima, O.
Holman, John Hamilton, <i>s</i>	M.D. (<i>Meharry Medical c.</i>)	Chicago
Honea, Thomas Carlton, <i>a w</i>	A.B. (<i>Texas Christian u.</i>) '05	Cleburne, Tex.

THE MEDICAL STUDENTS

NAME	PREVIOUS INSTITUTION	HOME ADDRESS
Horovitz, David Alfred, <i>s a w sp</i>	Senior c. (u. of Chicago)	Chicago
Hovde, Carl Herman, <i>a w sp</i>	A.B. (<i>Luther c.</i>) '04	Blair, Wis.
Hudson, Jessie B., <i>sp</i>	S.B. (<i>Iowa State c.</i>) '93	Hampton, Ia.
Hughes, William Talmadge, <i>a w sp</i>	S.B. (<i>Yankton c.</i>) '05	Braymer, Mo.
Hutchinson, George A., <i>w</i>	Senior c. (u. of Chicago)	Capron
Jackson, Leila DeEtte, <i>a w sp</i>	A.B. (<i>Ripon c.</i>) '95	Chicago
James, Harry Lorenzo, <i>s a w sp</i>	Junior c. (u. of Chicago)	Springfield
Johnson, Guy McKevitt, <i>a w</i>	A.B. (u. of Michigan) '05	Middleville, Mich.
Johnson, George Thompson, <i>a w sp</i>	u. of Illinois	Champaign
Johnson, Martha Frances, <i>a w sp</i>	A.B. (u. of Wisconsin) '05	Kokomo, Ind.
Johnston, Eldon T., <i>a w</i>	Unclassified (u. of Chicago)	Wheatland, Wyo.
Johnstone, Ernest Marshall, <i>a w sp</i>	S.B. (<i>Pomona c.</i>) '04	San Dimas, Cal.
Kaufmann, Gustav Leonard, <i>a w sp</i>	S.B. (u. of Chicago) '05	Chicago
Knudson, Oscar A., <i>a w</i>	Unclassified (u. of Chicago)	Chicago
Korns, John Hamilton, <i>a w sp</i>	A.B. (<i>Ohio Wesleyan u.</i>) '04	Mt. Victory, O.
Ladd, Daniel Martiss, <i>a w</i>	S.B. (<i>Kansas State Agricultural c.</i>)	Manhattan, Kan.
Lagorio, Frank Ambrose, <i>s a w sp</i>	A.B. (<i>St. Ignace c.</i>) '04	Chicago
Larson, Leonard S., <i>s</i>	A.B. (<i>St. Olaf c.</i>) '04	Montevideo, Minn.
Laygo, Pacifico, <i>s</i>	A.B. (<i>San Juan de Letran</i>) '08	Lipa, Batangas, P. I.
Lee, Alfred O., <i>a w</i>	M.D. (u. of Berlin) '98	Chicago
Lee, Emmet Lehr, <i>a w sp</i>	Ph.B. (<i>Iowa c.</i>) '05	Grinnell, Ia.
Lesemann, Frederick Joseph, <i>a w sp</i>	Senior c. (u. of Chicago)	Nashville
Levitas, Isaac Edward, <i>a w sp</i>	Junior c. (u. of Chicago)	Marinette, Wis.
Leviton, Max Benjamin, <i>a w sp</i>	Senior c. (u. of Chicago)	Chicago
Lewis, Arthur John, <i>a w sp</i>	Senior c. (u. of Chicago)	Stevens Point, Wis.
Lewis, Edward James, <i>s a w</i>	Unclassified (u. of Chicago)	Milwaukee, Wis.
Lewy, Alfred, <i>s</i>	M.D. (<i>Rush Medical c.</i>) '98	Chicago
Lindeblad, Carl G., <i>a w sp</i>	A.B. (<i>Augustana c.</i>) '04	LaGrange
Linthicum, Porter Hodge, <i>s a</i>	A.B. (<i>Yale u.</i>) '01	Evansville, Ind.
Loeb, Ludwig, <i>s</i>	S.B. (u. of Chicago) '96	Chicago
Long, William Hunt, <i>s a w sp</i>	A.B. (<i>Butler c.</i>) '08	Indianapolis, Ind.
Loomis, Western Cass, <i>a w sp</i>	Senior c. (u. of Chicago)	Eldorado, Kan.
Lord, Arthur Everts, <i>a w sp</i>	Ph.B. (u. of Chicago) '04	Plano
Luckhardt, Arno Benedict, <i>a w sp</i>	Senior c. (u. of Chicago)	Chicago
Major, Ralph, <i>sp</i>	A.B. (<i>William-Jewell c.</i>) '02	Liberty, Mo.
Marquette, George J., <i>s</i>	A.B. (u. of Wisconsin) '04	Madison, Wis.
Marvel, John Everett, <i>a w sp</i>	Senior c. (u. of Chicago)	Midland City
Meentz, Walter Howard, <i>s</i>	S.B. (<i>Northwestern u.</i>) '94	Ashkum
Meigs, Grace Lynde, <i>a w sp</i>	A.B. (<i>Bryn Mawr c.</i>) '03	Keokuk, Ia.
Menzies, Charles Stuart, <i>a w sp</i>	Senior c. (u. of Chicago)	Janesville, Wis.
Meyer, J. H. Warren, <i>s</i>	Junior c. (u. of Chicago)	LaPorte, Ind.
Miller, George Enos, <i>s</i>	S.B. (u. of Chicago) '05	Chicago
Mincer, Edward Charles, <i>a w sp</i>	Tabor c.	Hamburg, Ia.
Moloney, Frederick Graham, <i>a w sp</i>	Senior c. (u. of Chicago)	Ottawa
Moodie, Adelbert M., <i>sp</i>	Junior c. (u. of Chicago)	The Dalles, Ore.
Moorehead, Frederick Brown, <i>s sp</i>	Ohio State u.	Springfield
Morrison, Hugh Tucker, <i>s a w sp</i>	A.B. (<i>Drake u.</i>) '00	Springfield
Murphy, Edwin Ray, <i>a w sp</i>	S.B. (<i>N. Dakota Agricultural c.</i>) '98	Winona, Minn.
Murray, Alfred Nicholas, <i>s</i>	S.B. (<i>Carlton c.</i>) '05	Huntingburg, Ind.

THE MEDICAL STUDENTS

NAME	PREVIOUS INSTITUTION	HOME ADDRESS
McGibbon, Walter P., <i>w sp</i>	<i>u. of Illinois</i>	Champaign
McGrath, Edward, <i>a w sp</i>	M.D. (<i>Rush Medical c.</i>) '01	Bloomington
McGuigan, Hugh, <i>a sp</i>	Practitioner	Chicago
McLaughlin, Dix Blaine, <i>a w</i>	Ph.B. (<i>u. of Wisconsin</i>) '02	Monroe, Wis.
McMahon, Asher Reid, <i>a w</i>	A.B. (<i>Indiana u.</i>) '05	Fargo, N. D.
Nahas, Selim, <i>a</i>	A.B. (<i>Sorbonne u.</i>) '02	Alexandria, Egypt
Newman, Henry Ware, <i>s</i>	A.B. (<i>McMaster u.</i>) '99	Waco, Tex.
Nichols, William Crane, <i>a w sp</i>	A.B. (<i>u. of Wisconsin</i>) '04	Fargo, N. D.
Nicolas, Joseph, <i>a w</i>	Senior c. (<i>u. of Chicago</i>)	Wilkes-Barre, Pa.
Nicoll, Homer King, <i>a w sp</i>	Senior c. (<i>u. of Chicago</i>)	Fargo, N. D.
Niles, Edward, <i>s</i>	A.B. (<i>St. Ignatius c.</i>) '08	Chicago
O'Brien, Edward J., <i>w</i>	<i>Hanover c.</i>	Chicago
O'Connell, George Gansy, <i>a w sp</i>	Junior c. (<i>u. of Chicago</i>)	Marinette, Wis.
Oliver, Edward Allen, <i>a w sp</i>	A.B. (<i>Kenyon c.</i>) '05	Chicago
Ostrowski, Florian George, <i>a</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Paine, John Calvin, <i>a w sp</i>	Senior c. (<i>u. of Chicago</i>)	Chicago
Parker, Carl Horace, <i>a w sp</i>	S.B. (<i>Pomona c.</i>) '05	Pasadena, Cal.
Parks, William Alvah, <i>a w sp</i>	Senior c. (<i>u. of Chicago</i>)	Minonk
Parsons, Forest Lee, <i>a w sp</i>	A.B. (<i>u. of Wisconsin</i>) '05	Berlin, Wis.
Passmore, Maud Sankey, <i>a w</i>	A.B. (<i>Leland Stanford u.</i>) '04	Chicago
Pattee, James Jay, <i>s</i>	Unclassified (<i>u. of Chicago</i>)	Pueblo, Col.
Patterson, James, <i>s a w sp</i>	S.B. (<i>u. of Chicago</i>) '05	Chicago
Petrie, James P., <i>a w sp</i>	Unclassified (<i>u. of Chicago</i>)	Chicago
Pike, Frank Henry, <i>a</i>	A.B. (<i>Indiana u.</i>) '08	Plainfield
Pool, Clarence Gilbert, <i>w sp</i>	Senior c. (<i>u. of Chicago</i>)	Amboy
Poppen, Albertus, <i>a w sp</i>	Senior c. (<i>u. of Chicago</i>)	Chicago
Porteus, Roy Whittier, <i>s</i>	S.B. (<i>Ohio Northern u.</i>) '02	West Lafayette, O.
Riley, Floyd, <i>a w sp</i>	A.B. (<i>u. of Missouri</i>) '04	Kearney, Mo.
Roberg, Nathaniel Daniel, <i>a w sp</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Rogers, Harrison Ross, <i>a w sp</i>	Senior c. (<i>u. of Chicago</i>)	Newell, Ia.
Rose, Max Donald, <i>a w sp</i>	Senior c. (<i>u. of Chicago</i>)	Decatur, Mich.
Rosenberger, Homer Gladstone, <i>s a</i>	S.B. (<i>Penn c.</i>) '00	Oskaloosa, Ia.
Rosholt, Albie Jens, <i>a w sp</i>	A.B. (<i>Luther c.</i>) '08	Rosholt, Wis.
Ross, Mary Sophia, <i>s a w sp</i>	A.B. (<i>Dalhousie c.</i>) '04; A.M. (<i>Ibid.</i>) '06	Prince Edward Island, Can.
Rowe, Lee Ballou, <i>a w sp</i>	Junior c. (<i>u. of Chicago</i>)	Brodhead, Wis.
Ryan, Lee Matthew, <i>a</i>	S.B. (<i>u. of Chicago</i>) '05	Banning, Cal.
Saam, John Gustav, <i>a w sp</i>	S.B. (<i>Lenox c.</i>) '00	Lansing, Ia.
Sachse, William Gustavus, <i>a w sp</i>	A.B. (<i>u. of Illinois</i>) '05	Morris
Salinger, Leo P., <i>a w</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Sampson, Bernard, <i>a w sp</i>	A.B. (<i>Liceo d Manila</i>) '04	
Saylor, Herbert, <i>a w sp</i>	Senior c. (<i>u. of Chicago</i>)	Pomeroy, Ia.
Scheid, Myron Milo, <i>a w sp</i>	Junior c. (<i>u. of Chicago</i>)	Campbellsport, Wis.
Scherer, Lewis Daniel, <i>s a w</i>	Senior c. (<i>u. of Chicago</i>)	Chehalis, Wash.
Schott, Charles, <i>a w sp</i>	Senior c. (<i>u. of Chicago</i>)	Chicago
Schuler, Russell Philip, <i>a w sp</i>	Senior c. (<i>u. of Chicago</i>)	Roann
Scott, Garland Dix, <i>a w sp</i>	Junior c. (<i>u. of Chicago</i>)	Sullivan, Ind.
Scott, Orlando Frank, <i>a w sp</i>	Senior c. (<i>u. of Chicago</i>)	Newton
Segar, John Parker, <i>a</i>	Junior c. (<i>u. of Chicago</i>)	Chicago
Shaff, DeWitt Clinton, <i>s</i>	<i>Swarthmore c.</i>	Clinton, Ind.

THE MEDICAL STUDENTS

NAME	PREVIOUS INSTITUTION	HOME ADDRESS
Shaffner, Philip Frank, <i>a w sp</i>	Senior c. (u. of Chicago)	Chicago
Shaklee, Alfred Ogle, <i>a w sp</i>	S.B. (u. of Chicago) '99	Caldwell, O.
Shimer, Will, <i>s</i>	A.B. (Butler c.) '05	Wanamaker, Ind.
Sims, Harry Wilbur, <i>a w sp</i>	S.B. (Muskingum c.) '04	New Concord, O.
Simonds, James Persons, <i>s</i>	A.B. (Baylor u.) '01	Kesons, Tex.
Speidel, William Charles, <i>a w sp</i>	A.B. (u. of Washington) '04	Seattle, Wash.
Speik, Frederick Adolph, <i>s</i>	S.B. (u. of Chicago) '05	Chicago
Spencer, Harry Stilman, <i>a w sp</i>	Senior c. (u. of Chicago)	Kankakee
Spiece, William Koenig, <i>s</i>	M.D. (Rush Medical c.) '95	Chicago
Stark, Herbert C., <i>a sp</i>	A.B. (Lake Forest c.) '05	Bluffton, Ind.
Stokes, Merle Benefiel, <i>a w sp</i>	A.B. (Wabash c.) '05	Lebanon, Ind.
Strauss, Alfred Adolph, <i>a w sp</i>	Senior c. (u. of Chicago)	Seattle, Wash.
Strawn, John Thomas, <i>a w sp</i>	Senior c. (u. of Chicago)	Palo, Ia.
St. Sure, Frank Adolph, <i>s a w sp</i>	S.B. (u. of Wisconsin) '03	Madison, Wis.
Suiter, Charles Edgar, <i>s</i>	u. of Pennsylvania	Philadelphia, Pa.
Swift, Charles Henry, <i>a w sp</i>	A.B. (u. of Chicago) '03	Chicago
Terrell, Ted Allen, <i>a w sp</i>	Senior c. (u. of Chicago)	Okmulgee, I. T.
Thomas, Roy, <i>s</i>	S.B. (Pomona c.) '03	Phoenix, Ariz.
Thometz, Anthony M., <i>a w</i>	Unclassified (u. of Chicago)	Chicago
Thompson, John William, <i>w sp</i>	Junior c. (u. of Chicago)	Garrett, Ind.
Tivnen, Richard J., <i>a w</i>	Special student	Chicago
Todd, David Duke, <i>w sp</i>	S.B. (Coe c.) '05	Ida Grove, Ia.
Tope, John Wesley, <i>a w sp</i>	Junior c. (u. of Chicago)	Oak Park
Treacy, John Lear, <i>a</i>	Junior c. (u. of Chicago)	Helena, Mont.
Tyree, Joseph, Edgar, <i>a w</i>	A.B. (u. of Oregon) '00	Dillon, Mont.
Vanatta, Frank Cline, <i>a w sp</i>	Senior c. (u. of Chicago)	Randolph, Ia.
Wadsworth, Heilman Curtis, <i>a w sp</i>	A.B. (Indiana u.) '02	Washington, Ind.
Wakefield, Guy Freeman, <i>a w sp</i>	Senior c. (u. of Chicago)	West Salem, Wis.
Wallace, Brice Russell, <i>a w sp</i>	S.B. (Albany c.) '04	Albany, Ore.
Washburn, James Murray, <i>s</i>	A.B. (Harvard u.) '95	Chicago
Waterhouse, Alfred Herbert, <i>s</i>	A.B. (Princeton u.) '02	Pasadena, Cal.
Webster, Harry Elgin, <i>s a w</i>	Junior c. (u. of Chicago)	Dixon
Weinberger, Carl Frederick, <i>s a w sp</i>	A.B. (u. of Chicago) '99	Blue Earth, Minn.
Weum, Thurston William, <i>sp</i>	u. of Minnesota	Minneapolis, Minn.
Wheeler, Herbert Edward, <i>a w sp</i>	Senior c. (u. of Chicago)	Grant Park
Whipple, Eleanor Elizabeth, <i>a w</i>	Senior c. (u. of Chicago)	Chicago
Whipps, Charles Elmo, <i>a w sp</i>	Junior c. (u. of Chicago)	Carlisle, Ind.
Whitcomb, Guy Waldo, <i>s</i>	Junior c. (u. of Chicago)	Chicago
Whitcomb, Walter Delos, <i>a w sp</i>	S.B. (Wheaton c.) '05	Chicago
White, Adeline Ransom, <i>s a w</i>	S.B. (u. of Wisconsin)	Hamilton, Mont.
Whitman, Roscoe, <i>s</i>	A.B. (u. of Wisconsin) '04	Dodgeville, Wis.
Williams, Edward Marsh, <i>s</i>	S.B. (u. of Chicago) '03	La Grange
Woodard, Otto Willis, <i>s</i>	Iowa c.	Grinnell, Ia.
Yamaguchi, Minocuke, <i>a w</i>	A.B. (Lombard c.) '97	
	A.M. (Yale u.) '00	
	Ph.D. (Taylor u.) '00	
Yoder, Orie Chris, <i>a w sp</i>	Ph.B. (u. of Wooster) '05	Tokio, Japan
Young, Beverly Thomas, <i>s</i>	Junior c. (u. of Chicago)	Weilersville, O.
		Moody, Tex.

MEN — 224

WOMEN — 15

TOTAL — 239

THE MEDICAL STUDENTS
SPECIAL STUDENTS TAKING MEDICAL COURSES

NAME	PREVIOUS INSTITUTION	HOME ADDRESS
Benson, Robert Louis, <i>w sp</i>	A.B. (u. of Michigan) '02; A.M. (Ibid.) '04	Mt. Morris, Mich.
Brettnall, George Herbert, <i>s</i>	A.B. (Cornell u.) '06; A.M. (Ibid.) '07	Monmouth
Capps, Joseph A., <i>s</i>	A.B. (u. of Illinois) '91; A.M. (Harvard u.) '96	Chicago
Charlton, Orlando Clarke, <i>s a w sp</i>	S.B. (Hanover c.) '82; A.M. (Ibid.) '85	Chicago
Childs, Alpha Garrett, <i>a w sp</i>	A.B. (Franklin c.) '97; A.M. (Ibid.) '99	Madison, Ind.
Cole, Fay Cooper, <i>a w sp</i>	S.B. (Northwestern u.) '03	Chicago
Damon, Alice Bond, <i>a w sp</i>	A.B. (Wellesley c.) '98	Frammingham, Mass.
Denis, Willey, <i>s a w sp</i>	A.B. (Tulane u.) '99; A.M. (Ibid.) '02	New Orleans, La.
Goettsch, Emil, <i>a sp</i>	S.B. (u. of Chicago) '03	Davenport, Ia.
Gotham, Charles Lewis, <i>s</i>	Senior c. (u. of Chicago)	Milwaukee, Wis.
Gulbransen, Ragnarhild, <i>s</i>	Unclassified (u. of Chicago)	Kristiania, Norway
Harsha, William Thomas, <i>s</i>	Junior c. (u. of Chicago)	Chicago
Hayes, Mary Holmes, <i>s a w sp</i>	A.B. (u. of Wisconsin) '04	Chicago
Heinemann, Paul Gustav, <i>a w sp</i>	S.B. (u. of Chicago) '04	Chicago
Hogan, Edgar Poe, <i>s</i>	A.B. (Harvard u.) '93; A.M. (Ibid.) '99	Birmingham, Ala.
Holmes, Harriet Fay, <i>a sp</i>	A.B. (Vassar c.) '95	Chicago
Hornstein, Fred, <i>w</i>	Ph.B. (u. of Chicago) '05	Chicago
Jackson, Dennis Emerson, <i>s</i>	A.B. (Indiana u.) '04	Linton, Ind.
Kirk, Edwin Garvey, <i>s</i>	S.B. (u. of Chicago) '02	Lima, O.
Lane, Michael A., <i>a w sp</i>	Senior c. (u. of Chicago)	Chicago
Lewis, Winford Lee, <i>s</i>	A.B. (Leland Stanford) '02; A.M. (u. of Washington) '04	Gridley, Colo.
Lightbody, James Davies, <i>a w</i>	Unclassified (u. of Chicago)	Greencastle, Ind.
Manwaring, Wilfred Hamilton, <i>s</i>	S.B. (u. of Michigan) '95	Ann Arbor, Mich.
Meek, Walter Joseph, <i>s a w</i>	A.B. (u. of Kansas) '02	Oskaloosa, Ia.
Moore, Homer Frank, <i>a w sp</i>	Junior c. (u. of Chicago)	Rockford
Morrow, Hugh Ellis, <i>s</i>	S.B. (u. of Arkansas) '04	Fayetteville, Ark.
Munson, Louis Manning, <i>a w sp</i>	Junior c. (u. of Chicago)	Mendota
Newberger, Charles, <i>s a w sp</i>	Senior c. (u. of Chicago)	Chicago
Ortmayer, Marie, <i>a w sp</i>	Senior c. (u. of Chicago)	Chicago
Peterson, Joseph, <i>w</i>	S.B. (u. of Chicago) '05	Oakley, Idaho
Ransom, Stephen Walter, <i>s a w</i>	S.B. (u. of Chicago) '02; S.M. (Ibid.) '03; Ph.D. (Ibid.) '05	Chicago
Risser, Christian Hofer, <i>s</i>	A.B. (Franklin & Marshall c.) '01	Filoria, Pa.
Stanley, Court Rogers, <i>a w sp</i>	Junior c. (u. of Chicago)	Chicago
Stanley, Louis, <i>a w sp</i>	Senior c. (u. of Chicago)	Nashville, Tenn.
Stearns, Tilden Hendricks, <i>s w sp</i>	A.B. (Brown u.) '03	Wilmot, N. H.
Sundwall, John, <i>s a w sp</i>	S.B. (u. of Chicago) '05	Fairview, Utah
Smith, Gilbert Morgan, <i>s</i>	Unclassified (u. of Chicago)	Beloit, Wis.
Takahashi, Katashi, <i>s a w sp</i>	(Imperial u. of Japan) '01	Tokyo, Japan
Townsend, Henry Schuler, <i>a w</i>	A.B. (Des Moines c.) '90	Manila, P. I.
Twiss, Edith Minot, <i>s</i>	A.B. (Ohio State u.) '95	Cleveland, O.
Van Voris, William Arthus, <i>s</i>	Unclassified (u. of Chicago)	Emporia, Kan.
Yoakum, Clarence Stone, <i>a w</i>	S.B. (Campbell c.) '01; A.B. (Ibid.) '02	Basehow, Kan.
MEN — 33		TOTAL — 42
WOMEN — 9		

	Men	Women	Total
Medical Students.....	224	15	239
Special Students taking Medical Courses.....	33	9	42
Total in Medical Courses.....	257	24	281

THE COLLEGE OF EDUCATION

NAME	SCHOOL	HOME ADDRESS
Abbott, Eliza Rosalia, <i>s</i>	<i>State Normal '01</i>	Greensboro, N. C.
Abendroth, Otillia Elizabeth, <i>a w sp</i>	<i>Peru, Ind., hs. '04; u. of Montana</i>	Missoula, Mont.
Aitken, Agnes Stuart, <i>s</i>	<i>Boston s. of Domestic Science</i>	Philadelphia, Pa.
Albright, Beulah May, <i>s</i>	<i>u. of Nebraska</i>	Lincoln, Neb.
Alderman, Mildred Cooley, <i>s a w sp</i>	<i>Santa Barbara hs. '97</i>	Santa Barbara, Cal.
Allen, Amanda, <i>s</i>	<i>Milwaukee Normal '02</i>	Mauston, Wis.
Allen, Anne Elizabeth, <i>a w</i>	<i>Louisville Kindergarten</i>	Chicago
Allen, Bernice, <i>a w</i>	<i>Waukegan hs.</i>	Gurnee
Allen, Elizabeth, <i>a w</i>	<i>Wilmington hs.; Private School '87</i>	Chicago
Allen, Lizzie,	<i>Russell hs. '00</i>	Lexington, Ky.
Allen, Mary Natalia, <i>a sp</i>	<i>Oshkosh hs.</i>	Oshkosh, Wis.
Allen, Mrs. Mattie, <i>s</i>	<i>Fairbury, Ill., hs.</i>	Chicago
Ames, Daisy Caryl, <i>a w sp</i>	<i>Riverside hs. '05</i>	Riverside
Anderson, Lucy Jones, <i>s</i>	<i>Throop Polytechnic (Pasadena, Cal.) '00</i>	Chicago
Anderson, Nettie Chase,	<i>Cincinnati Normal s. '90; u. of Chicago</i>	Chicago
Andrews, Nettie, <i>s</i>	<i>M.E.S. (North Texas c.) '98</i>	Sherman, Tex.
Angus, Frances Ramsay, <i>w</i>	<i>A.B. (McGill c.) '93</i>	Montreal, Can.
Apgar, Genevieve, <i>s</i>	<i>Wellesley c.</i>	St. Louis, Mo.
Arnold, Caroline Frances, <i>s</i>	<i>North Division hs. '90</i>	Chicago
Ashmore, Gertrude, <i>s</i>	<i>Cook County Normal; Hannibal c.</i>	Hannibal, Mo.
Atkinson, Ella, <i>s</i>	<i>Warsaw (Ill.) hs. '75</i>	Quincy
Austill, Margaret, <i>s</i>	<i>Monteagle Normal s. of Physical Education '02; Ponce Normal s. of Physical Education '04</i>	
Avery, Cassius Bruce, <i>s</i>	<i>Howell, Mich., hs.; u. of Mich.</i>	Mobile, Ala.
Avery, Lillian C., <i>w</i>	<i>Westfield, Mass., hs.</i>	Howell, Mich.
Babb, Loie Emma, <i>s</i>	<i>Pestalozzi Froebel. Edg. Trg. s. '04</i>	Westfield, Mass.
Backus, Pearl Imogene, <i>s</i>	<i>Cook County Normal</i>	Reedsburg, Wis.
Baer, Oretha, <i>s</i>	<i>Southwestern State Normal, California, Pa., '05</i>	Chicago
Bailey, Maud Ada, <i>w</i>	<i>Hyde Park hs. '03</i>	West Newton, Pa.
Baird, Amanda, <i>s</i>	<i>Seymour hs. '90</i>	Chicago
Baird, James Cloud, <i>s</i>	<i>A.B. (u. of Missouri) '03</i>	Seymour, Ind.
Baker, Margaret, <i>w</i>	<i>Mt. Pleasant hs.; Visitation Academy, Evanston '04</i>	Redding, Ia.
Baker, Maude, <i>s</i>	<i>Hamilton c., Lexington, Ky.</i>	Mt. Pleasant, Ia.
Baker, Olive, <i>s</i>	<i>St. Louis Normal s. '91</i>	Cañon City, Colo.
Ballowe, May, <i>s</i>	<i>Carbondale c.</i>	St. Louis, Mo.
Banister, Eurette Coleman, <i>s</i>	<i>Ft. Wayne hs. '93</i>	Vienna
Barnes, William Chauncey, <i>s</i>	<i>M. S. U. c.</i>	Grand Rapids, Mich.
Barroll, Lucy, <i>a w sp</i>	<i>Chicago Inst.</i>	Carthage, Mo.
Bate, Edith Preston, <i>s</i>	<i>Lake View hs.; Brooklyn Girls' hs.</i>	Chicago
Baugh, Lila, <i>s</i>	<i>Carlton c.; Texas State Normal s.</i>	Chicago
Baxter, Gladys Russell, <i>a w sp</i>	<i>Springfield (Ill.) hs. '02</i>	Houston, Tex.
Beach, Lillian May, <i>s</i>	<i>Nebraska Wesleyan Normal s. '04</i>	Springfield
Beavans, Emily C, <i>s</i>	<i>Galveston hs. '95</i>	University Place, Neb.
		Houston, Tex.

THE COLLEGE OF EDUCATION

NAME	SCHOOL	HOME ADDRESS
Beckstrom, Selma, <i>s w sp</i>	Chicago Normal s. '91; <i>Art inst.</i>	Chicago
Beiswenger, Anna, <i>s a w sp</i>	Cincinnati Kindergarten Training s.	Chicago
Belcher, May Beatrice, <i>s</i>	Sargent's Normal s.	Augusta, Ga.
Beman, Florence Spencer, <i>w</i>	Kenwood inst. '01	Chicago
Berger, Helen Frances, <i>a w sp</i>	Wendell Phillips hs. '05	Chicago
Berry, Idella Rettena, <i>a w sp</i>	Plymouth Normal; Durham c.	Dover, N. H.
Besharian, Venus, <i>a w sp</i>	Wendell Phillips '05	Chicago
Betson, Anna Lucile, <i>s</i>	Maryland c. '90	Greensboro, Md.
Betzer, Everett Eugene, <i>s</i>	S.B. (Northern Indiana Normal s.) '95	Kenosha, Wis.
Biglow, Florence Isabel, <i>s</i>	Hillhouse, New Haven, hs.	New Haven, Conn.
Bills, Elizabeth, <i>s</i>	Cornell u.; Zurich u.; u. of Chicago	Sioux City, Ia.
Binna, Eleanora Anna, <i>s</i>	c. of Education '05	Chicago
Blair, Ethelyn, <i>s</i>	Grand Rapids hs.	Grand Rapids, Mich.
Blish, Bertha Belle, <i>a w sp</i>	Kewanee hs. '95; Knox Conservatory	Kewanee
Blossom, Margaret, <i>s</i>	Teachers' c., Columbia u. '91; A.B. (Barnard c.) '00	Brooklyn, N. Y.
Blythe, Carry, <i>s</i>	Peoples & Morgan c. '01	Paducah, Ky.
Boden, Anna Fredrico, <i>s</i>	Ph.B. (Drake u.) '99	Kellogg, Ia.
Boland, Anna, <i>s</i>	Grand Rapids Normal s. '96	Grand Rapids, Mich.
Bond, Estelle, <i>sp</i>	Oaktown hs.; Valparaiso, Ind., Normal	Oaktown, Ind.
Bonds, Victoria Du Bois, <i>s</i>	Hyde Park hs. '02	Chicago
Boon, Lucy Hampton, <i>s</i>	Carthage hs.; St. Louis Kdg. Try. s.	Carthage, Mo.
Boutelle, Carrie, <i>s</i>	Knox c. '85; Kindergarten Normal '90	Omaha, Neb.
Bowers, Abraham, <i>s a w sp</i>	u. of Chicago	Sheridan, Ind.
Bowman, Amy, <i>s</i>	u. of Utah '92	Salt Lake City, Utah.
Bowman, Penelope, <i>a w sp</i>	Manual Training hs. (Denver) '04	Salt Lake City, Utah.
Bowser, Ella Elizabeth, <i>s</i>	Freobellian Kdg. c. '02	Denver, Colo.
Boyd, Mattie Elizabeth, <i>s</i>	Union Female c., Oxford, Miss. '76	Chicago
Boyington, Jessie Cecelia, <i>sp</i>	Hyde Park hs. '04	Belton, Tex.
Boyington, Josie Mae, <i>a w sp</i>	Hyde Park hs. '04	Chicago
Bradley, Zoe Smith, <i>a w</i>	A.B. (Hilldale c.) '99	Chicago
Breuer, Eliza, <i>s</i>	State Normal, Bloomington, Ill. '92	Chicago
Bringham, Amy Laughry, <i>s</i>	La Fayette hs. '00	Sandwich
Britton, Elizabeth Blanche, <i>s</i>	Anna hs. '94	La Fayette, Ind.
Brookings, Thora M, <i>sp</i>	Northwestern a.	Anna
Brown, Alice Maude, <i>s</i>	Fremont Normal s.; H. Park c., Des Moines, Ia.	Woodward, Ia.
Brown, Irene, <i>s</i>	Dixon Normal and Business c.	Fremont, Neb.
Brown, Mamie Ellen, <i>s</i>	State u. of Neb.	Metropolis
Brown, Margret Persis, <i>a w sp</i>	c. of Education '08	Fremont, Neb.
Brown, Mary Jane, <i>s</i>	Parsons (Fairfield) c.	Chicago
Brown, Myra Lee, <i>s</i>	Houston Normal '02	Fairfield, Ia.
Brown, Susie, <i>s</i>	Freeport hs.	Hillsboro, Tex.
Browning, Lucy, <i>a w sp</i>	Elgin a.; Oberlin c.	Freeport
Brundage, Margaret, <i>s</i>	Morris Normal s.	Elgin
Bryant, Elizabeth Beecher, <i>s</i>	Oakshoah Normal s. '02	Park City, Utah.
Bryant, Lovia, <i>s</i>	Providence, R. I., hs.; Tilton em.	Fond du Lac, Wis.
		Escanaba, Mich.

THE COLLEGE OF EDUCATION

NAME	SCHOOL	HOME ADDRESS
Buckingham, Lola, <i>w sp</i>	Hyde Park hs. '03	Chicago
Buhlig, Rose, <i>s</i>	Ph.B. (u. of Chicago) '05	Chicago
Bunts, Alfred Jackson, <i>a w sp</i>	S.B. (Milligan c.) '97; Ph.B. (u. of Chicago) '04; Ph.M. (<i>ibid.</i>) '05	Pulaski, Va.
Burita, Anna Marie, <i>a w sp</i>	Elgin hs. '04	Elgin
Burks, Carrie Edith May, <i>s</i>	Normal s., Edmond, Okla.	Edmond, Okla.
Burris, Frances Ann, <i>s</i>	St. Joseph hs. '93	St. Joseph, Mo.
Burrus, Julian Ashby, <i>s</i>	S.B. (Virginia Polytechnic inst.) '98; Richmond c.	Richmond, Va.
Burton, Ella, <i>s</i>	Newark, O., hs. '90	Newark, O.
Byrd, Jessie Abigail, <i>s</i>	Paducah hs. '96	Paducah, Ky.
Campbell, Grace M., <i>s</i>	Ashland hs. '02	Ashland, Wis.
Campbell, Iva Rachel, <i>s</i>	Chenoa, Ill. hs.	El Paso
Campbell, Reuben Marshal, <i>s</i>	B.S. (Franklin c.) '92	West Point, Neb.
Cardon, Ariel Frederick, <i>s</i>	Brigham Young c.	Logan, Utah
Carey, Edna Estella, <i>s</i>	Lebanon hs. '02	Logansport, Ind.
Carey, Lucy Barrett, <i>s</i>	Columbia, Mo., hs. '98	Henderson, Ky.
Carr, Rosa, <i>s</i>	Normal u.	Chicago
Carter, Minnie, <i>s</i>	Streator hs. '01	Streator
Cary, Maude Alice, <i>s</i>	Manchester hs. '02	Manchester, Ia.
Caryl, Kathryn Turner, <i>s</i>	c. of Education '03	Chicago
Case, Helen Tamzen, <i>s</i>	B.L. (Shephardson c.) '01	Granville, O.
Cavanaugh, Sabina, <i>s</i>	Union City hs. '88; Normal c.	Dayton, O.
Chamberlin, Anna Lou, <i>a w sp</i>	South Division hs. '00	Chicago
Chapin, Addie May, <i>w sp</i>	State Normal, New Haven, Conn. '01	Kansas City, Mo.
Chase, David Gamble, <i>s</i>	L.I. (Peabody c.) '99; S.B. (u. of Nashville) '02	Ardon, Miss.
Chowning, Evangeline, <i>s</i>	Aledo hs.; Art Inst. Baltimore, Md.	Lockport
Christian, Zelia Christian, <i>s</i>	S.B. (Newcomb c.) '98	New Orleans, La.
Church, Mary Alice, <i>s a w sp</i>	Minnesota State Normal s., Mankato, '02	Mankato, Minn.
Clark, Cecil Seldie, <i>s</i>	Ed. B. (c. of Education) '05	Union City, Pa.
Clark, Elizabeth, <i>s</i>	Albion, Ind., hs.	Albion, Ind.
Clarke, Clementine, <i>s</i>	L.I. (Peabody c.) '04	Commerce, Tex.
Clayton, Gertrude Louise, <i>s</i>	c. of Education '03	Upper Sandusky, O.
Clement, Bertha, <i>s</i>	c. of Education '04	Racine, Wis.
Clement, John Addison, <i>s a w sp</i>	A.B. (McPherson c.) '02; A.M. (<i>ibid.</i>)	McPherson, Kan.
Cleven, Nels Andrew Nelson, <i>s a w sp</i>	Augustana c., Canton, S. D. '91; u. of Minnesota	
Cloyd, Annie, <i>s</i>	S.B. (Purdue u.) '94	Wist, S. D.
Cloyd, Esther, <i>s</i>	Purdue u.	LaFayette, Ind.
Clyburne, Pearl, <i>s</i>	Ft. Scott, Kan., Normal s.	LaFayette, Ind.
Cody, Elsie Leone, <i>s</i>	A.B. (Cumberland u. Annex) '96	Lawton, Okla.
Cody, Ola Edna, <i>s</i>	A.B. (Cumberland u. Annex) '93	El Reno, Okla.
Colby, Eva, <i>a w sp</i>	s. of Domestic Science, Boston, '98	El Reno, Okla.
Cole, Frances, <i>s</i>	Kansas u.	Denmark, Me.
Coleman, Lizzie Williams, <i>s</i>	Yasoo City hs. '96	Ft. Scott, Kan.
Coleman, Vibelle, <i>s</i>	Dallas hs. '94	Greenville, Miss.
Collins, Lillian Maud, <i>s</i>	Wishaw, Scotland, hs. '04	Dallas, Tex.
Combs, Clarissa Louisa, <i>s</i>	Girard a.; Springfield a.	Indiana Harbor, Ind.
Converse, Helen, <i>a w sp</i>	Manual Training hs. '04	Chicago
		Denver, Colo.

THE COLLEGE OF EDUCATION

NAME	SCHOOL	HOME ADDRESS
Cook, Mabel Ethelyn, <i>s</i>	<i>Spearfish State Normal s.</i>	Spearfish, S. D.
Cooke, Alice A.,	<i>Union a.</i>	Anna
Copeland, Charles H.,	<i>A.M. (Indiana State c.) '97</i>	Fairmount, Ind.
Costley, Marium Catherine, <i>s</i>	<i>u. of Utah, Normal Course '08</i>	Ogden, Utah
Cottrell, Anna Louise, <i>a w</i>	<i>Lewis inst.</i>	Chicago
Cox, Cora Eliza, <i>s</i>	<i>State Normal '99</i>	Greensboro, N. C.
Cox, Mary, <i>s</i>	<i>Lamar hs. '03</i>	Lamar, Mo.
Cox, Minnie May, <i>s.</i>	<i>A.M. (Tusk. Female c.) '98;</i> <i>State Normal c. '94</i>	Tuskaloosa, Ala.
Crawford, Louise Milburn, <i>s</i>	<i>S.B. (u. of Alabama) '04</i>	Tuskaloosa, Ala.
Crawford, Nannie E., <i>s</i>	<i>Highland Park Normal</i>	Clarion, Ia.
Creswell, Mary Ethel, <i>s</i>	<i>L.I. (Georgia Normal c.) '08</i>	Athens, Ga.
Crockett, Agnes M., <i>w</i>		Chicago
Cronin, Adalaide, <i>s</i>	<i>Indianapolis Normal '08</i>	Indianapolis, Ind.
Cross, Claude Henry, <i>s</i>	<i>Indiana State Normal c. '01</i>	Harvey
Crumpacker, Harriett Mae, <i>a w sp</i>	<i>Hammond hs. '01; Washington sm.</i>	Hammond, Ind.
Culbertson, Margaret Janet, <i>s</i>	<i>Unionville hs.</i>	Dallas, Tex.
Culbertson, Mertie Irene, <i>s</i>	<i>Oakhosh Normal s. '00</i>	Appleton, Wis.
Culmer, William Cheesley, <i>s</i>	<i>A.B. (Ohio Wesleyan u.) '02</i>	Bennett, Neb.
Cummings, Hazel, <i>s a sp</i>	<i>Frances Shimer a.; Milwaukee-Downer c.</i>	Houston, Tex.
Cushman, Lillian Sophia, <i>w</i>	<i>Highland Hall '83</i>	Chicago
Daly, Roberta Agatha, <i>a w sp</i>	<i>Harlan hs. '05</i>	Harlan, Ia.
Daniels, Amy Louise, <i>s a w sp</i>	<i>Massachusetts inst. of Technology;</i> <i>Teachers c.</i>	Newton, Mass.
Daniels, Estella May, <i>s</i>	<i>Fremont Normal c.</i>	Ainsworth, Neb.
DeBolt, Henrietta, <i>s</i>	<i>State Normal of Colorado</i>	Colorado Springs, Colo.
Dement, Lucia Williams, <i>s a w</i>	<i>Bettie Stuart inst., Springfield '89;</i> <i>Art inst., Chicago '05</i>	Chicago
Dennison, Gertrude, <i>s</i>	<i>Cazenovia, N. Y., hs. '85</i>	Sloan, Ia.
Denton, Adelia Eliza, <i>s</i>	<i>Pratt inst. '00</i>	Jeddo, Mich.
Dewey, Grace K., <i>s</i>	<i>Oakland hs. '90</i>	Chicago
DeWitt, Alice McAtee, <i>s</i>	<i>Southern Normal s.</i>	Paris, Tex.
Dick, Hugh C.,	<i>Sheridan hs. '05</i>	Sheridan, Ind.
Dickey, Helen Janet, <i>w</i>	<i>Manual Training hs. '04</i>	Kansas City, Mo.
Dickinson, Martha, <i>s</i>	<i>Richmond Normal</i>	Richmond, Ind.
Dickson, Carrie Alicia, <i>s</i>	<i>Louisiana State Normal '02</i>	New Orleans, La.
Diment, Mabel Miriam, <i>a w sp</i>	<i>Fairmont hs. '08</i>	Fairmont, Minn.
Dimmitt, Beniah, <i>s</i>	<i>B. Didact. (Iowa State Normal) '94</i>	Ottumwa, Ia.
Doak, Jennie, <i>s</i>	<i>Ontario Normal c. '99; McDonald</i> <i>inst., Guelph, Ont. '04</i>	Hamilton, Ont.
Donaldson, Bessie Landon, <i>s</i>	<i>c. of Education '03</i>	Chicago
Downing, Edna, <i>s</i>	<i>Lead hs. '08</i>	Lead, S. D.
Drew, Harriet Chamberlin, <i>a w sp</i>	<i>Packer c. inst.</i>	Chicago
Driver, Hazel, <i>sp</i>	<i>Hyde Park hs. '08; u. of Wisconsin</i>	Chicago
Dryer, Mabel Elizabeth, <i>a w sp</i>	<i>Hopkinsville hs. '95; c. of Ed. '02</i>	Hopkinsville, Ky.
Duncan, Dora Elizabeth, <i>s</i>	<i>Patterson inst. '94</i>	Hillsboro, Tex.
Dunlap, Annie King, <i>s</i>	<i>Ypsilanti '95</i>	Detroit, Mich.
Dunn, Rachel Frances, <i>s</i>	<i>Warren hs. '02; Northfield sm.</i>	Warren, O.
Durand, Marie Antoinette, <i>a w sp</i>	<i>Laredo sm. '95</i>	Laredo, Tex.
Durham, Sadie Byrnes, <i>s</i>	<i>Evansville hs. '04</i>	Evansville, Ind.

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NAME	SCHOOL	HOME ADDRESS
Eager, Alice, s	Wauselon hs. '02	Aurora
Edmund, Rose, s	u. of Texas	Waco, Tex.
Edwards, Gaston Alonzo, s	S.B. (A. I. M.) '01	Raleigh, N. C.
Eisenstaedt, Reine, a w sp	Hyde Park hs. '04	Chicago
Elliff, Joseph Doliver, s	A.B. (u. of Missouri) '08	Columbia, Mo.
Elliott, Isabel, a w sp	B.A. (u. of Toronto) '05	Toronto, Can.
Ellis, Edward Arthur, s	Beloit c.	Geneva
Ely, Florence Victoria, s	St. Paul Teachers' Training s.	Duluth, Minn.
Emmons, Purley Clarence, s	A.B. (Indiana u.) '00; Central Normal c., Danville, Ind. '96	Huntington, Ind.
Enoch, Bertha Nilsson, a w sp	Christian c. (Houstonville, Ky.) '98	Somerset, Ky.
Erskine, Ethel Henrietta, s	Kindergarten Training s., Racine University hs. '04	Racine, Wis.
Ewart, Rowena Hayward, w	Racine hs. '92	Chicago
Fahey, Mamie Agathe, s	Ph.B. (Beloit c.) '95; Ph.M. (u. of Chicago) '04	Racine, Wis.
Farley, Albert Allison, s a w	Wayland a.	Chicago
Farnham, Myrtle, s a w	Kindergarten c., Columbus, O. '96	Beaver Dam, Wis.
Fellows, Ada Jones, s	Kansas State Normal s. '89	Columbus, O.
Ferguson, Daisy D., s	S.B. (Northern Indiana Normal s.) '98; Kindergarten and Primary Normal s. of Indiana '08	Emporia, Kan.
Fermier, Alma, s	Wellesley c.	Lawrencebury, Ind.
Ferson, Ella Carter, w	City Normal s., Grand Rapids '96	Chicago
Field, Addie Etta, s	Grand Rapids hs. '96	Grand Rapids, Mich.
Fink, Jessie Mizner, s	Kankakee, hs. '00	Grand Rapids, Mich.
Finwall, Liva, a w sp	Idaho c.	Kankakee
Fisher, Minnie Pearl, s	N. Dak. State Normal s. '95	St. Anthony, Idaho
Fisher, Alice Jane, w	El Paso hs. '08	Steele, N. D.
Fisher, Minnie Elizabeth, s	Milwaukee-Downer sm.	El Paso, Tex.
Fitts, Minona Louise, a w sp	A.B. (Washington c.) '01; Oread inst. of Domestic Science	Chicago
Flickner, Martha Ver Bryck, s	S.B. (Wesleyan) '08	St. Louis, Mo.
Fort, Clara Emily, a w	Lake Erie sm; Ferry Hall	Minonk
Foss, Alice E., s	Cook County Normal '96	Chicago
Fox, Florence Cornelia, a w	A.B. (u. of Nebraska) '08	Bay City, Mich.
Fox, Theodore William, s	Indianapolis hs.	Chautauqua, N. Y.
Francis, Carrie Belle, s	Dempseytown, Pa. hs. '01	Indianapolis, Ind.
Frankenberger, Flora Elva, s	Miss Laws Kindergarten Train'g s.	Marion, Ind.
Franklin, Ethel, s	Streater hs. '02	Toledo, O.
Fraser, Winnifred Maud, s	North Texas Female c. '78	Streater
Freeman, Thenie Ophelia, s	B.S.D. (State Normal, Warrensburg, Mo.) '96	Sherman, Tex.
Fulkerson, Della M., s	u. of Utah '08	Dallas, Tex.
Galeener, Amy, s	Gates Neb. c.; Wellesley c.	Vienna
Gallaway, Claudia, s	Shawnee hs. '01	Omaha, Neb.
Gerhardt, Dorothea, s	Designing Department '00	Shawnee, Okla.
Gerow, Grace Darling, s	Missouri State Normal c. '76	Chicago
Gibbon, Sallie M., s	Missouri State u.	
Gilman, Elizabeth Gray, sp	Milwaukee Downer s.	Ft. Worth, Tex.
Gilmer, Lucy Walker, s	Lombard u.	Milwaukee, Wis.
Giltner, Emmett E., s	A.B. (Indiana u.) '04	Peoria
		Tuscola

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NAME	SCHOOL	HOME ADDRESS
Girardot, Aline Amelia, <i>s</i>	<i>Manual Training hs. (Denver) '90</i>	Denver, Colo.
Gladish, Nancy G., <i>s</i>	<i>Northwestern u.</i>	Chicago
Gleason, Margaret, <i>a w sp</i>	<i>Ph.B. (u. of Iowa) '98</i>	Davenport, Ia.
Goldenberg, Rachel, <i>s</i>	<i>Dennison, Tex. hs. '96; Normal s.</i>	Shreveport, La.
Gore, Elizabeth R., <i>a</i>	<i>Chicago Kindergarten c.</i>	Chicago
Goslin, Bertha, <i>s</i>	<i>Dallas hs. '97</i>	Kansas City, Mo.
Gould, Ozro Couse, <i>s</i>	<i>Winona hs. '02; State Normal s. Winona</i>	Winona, Minn.
Grant, Emma Blakely, <i>s</i>	<i>Springfield hs. '98; Normal s.</i>	Springfield
Grant, Jessie May <i>a w sp</i>	<i>Oak Park hs. '08</i>	River Forest
Grant, Lillian Mary, <i>s</i>	<i>Freeport hs. '01</i>	Freeport
Grayson, Katharine, <i>s</i>	<i>Callahan c.</i>	Colorado Springs, Colo.
Graves, Vivian Nicholas, <i>s</i>	<i>Sam Houston Normal</i>	Hamilton, Tex.
Green, Nellie Belle, <i>a w sp</i>	<i>S.B. (Parsons c.) '98</i>	Fairfield, Ia.
Greene, Willie, <i>s</i>	<i>C. C. hs. '95</i>	Sherman, Tex.
Groves, Jessie, <i>s</i>	<i>Evansville hs.</i>	Evansville, Ind.
Gump, Eleanor S., <i>w sp</i>	<i>Cooper sm.</i>	Chicago
Guyton, Sue Miller, <i>s</i>	<i>Dallas hs. '98</i>	Dallas, Tex.
Hagerty, Ruth, <i>a w sp</i>	<i>Lake View hs. '99</i>	Chicago
Haly, Hanore, <i>s</i>	<i>Illinois Normal s.; Boynton Normal, Los Angeles</i>	Havana, Cuba
Hamilton, Mary Isabelle, <i>s</i>	<i>Dakota City hs. '92; Nebraska State Normal</i>	Dakota City, Neb.
Hammel, Helen Gunn, <i>a w sp</i>	<i>Akron hs. '04</i>	Akron, O.
Hammond, Violet Florence, <i>s</i>	<i>Calumet hs. '01; Reading, England, c.; Chicago Normal s.</i>	Chicago
Hannan, Katherine, <i>s</i>	<i>Milwaukee State Normal s.</i>	Milwaukee, Wis.
Hansen, Alexander Frederick <i>s</i>	<i>State Normal, Oshkosh, '99; Leland Stanford Jr. u.; u. of Wisconsin</i>	Waupaca, Wis.
Harrigan, Daniel Peter, <i>w sp</i>	<i>Stratford, Ont., hs. '83</i>	Chicago
Harris, Marion Angell, <i>a w sp</i>	<i>Charlevoix hs. '04</i>	Charlevoix, Mich.
Harris, William Sherman, <i>s</i>	<i>A.B. (Wittenberg, Springfield, O.) '99</i>	Hillsboro
Harrison, Annie Louise, <i>s</i>	<i>Agnes Scott hs.; Miss Auger's s., New York</i>	Mobile, Ala.
Hartfield, Zuma Rice, <i>s</i>	<i>L.I. (Peabody c. for Teachers); A. B. (u. of Nashville) '04</i>	Waco, Tex.
Hatch, Harvey Gerald, <i>s</i>	<i>Sloyd Training s., Boston '00</i>	Rockford
Hauxhurst, Ella, <i>s</i>	<i>Tempe Normal s. '99; DeKalb Normal s.</i>	Phoenix, Ariz.
Hayden, Hattie E., <i>s</i>	<i>Russell hs. '96</i>	Lexington, Ky.
Head, Diana Elizabeth, <i>s</i>	<i>s. of Methods, Chicago '01</i>	Quincy
Healy, Nellie Julia, <i>sp</i>	<i>Avoca hs.</i>	Avoca, Ia.
Heath, Helen Morton, <i>a w sp</i>	<i>South Chicago hs. '03; Oberlin c.</i>	Chicago
Hegewald, Nellie Dorathea, <i>w sp</i>	<i>Evansville hs. '01; Northwestern c. u. of Nebraska</i>	Louisville, Ky.
Heilman, Mary Erskine, <i>a w sp</i>	<i>A.B. (u. of West Virginia) '94</i>	Evansville, Ind.
Henderson, Bertha, <i>s a w sp</i>	<i>Bryn Mawr</i>	Fairbury, Neb.
Henderson, Joseph Lindsey, <i>s</i>	<i>Downer's Grove hs. '95; Northwestern u.</i>	Tyler, Tex.
Henkle, Alice Buenna, <i>w</i>	<i>Art inst. Designing Dept. '98; Art inst. Academic Dept. '97</i>	Chicago
Herring, Annie Marie, <i>s</i>		
Hess, Margaret Hunt, <i>a</i>		Downer's Grove
		Chicago

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NAME	SCHOOL	HOME ADDRESS
Hetzel, Eva Magaretha, s	<i>Kansas State Normal</i>	Halstead, Kan.
Heuermann, Dora, w sp	<i>N. Division hs. '84</i>	Chicago
Heuermann, Emma Josephine, s	<i>North Division hs. '78; Private s.</i>	Chicago
Hifner, William D., s	<i>Woodland (Mo.) c.</i>	Independence, Mo.
Higgins, Annas, s	<i>Ph.B. (u. of Chicago) '02</i>	Chicago
Higgins, Matie, s	<i>Elgin hs. '04</i>	Elgin
Hill, Jamie Duncan, s	<i>Mary Sharp c.</i>	Monroe, La.
Hiller, Irma, a w sp	<i>Hyde Park hs. '03</i>	Chicago
Hillman, Alice, a w	<i>Hyde Park hs.</i>	Chicago
Hillman, Ida, a w sp	<i>Hyde Park hs. '01; Art inst. '04</i>	Chicago
Hirsch, Dora, a w sp	<i>Armour inst. '98</i>	Chicago
Hobbs, Lucy Edith, s	<i>Iowa State Normal s. '96; S.B. (Cornell c.) '00</i>	
Hobson, Flora Adell, a w	<i>Art a. Cincinnati '04</i>	Manson, Ia.
Holbrook, Stella, s	<i>Cincinnati, Iowa, hs. '96</i>	Canon City, Colo.
Hollis, Mamie Lamar, s	<i>L.I. (u. of Nashville) '04</i>	Centerville, Ia.
Hollister, Antoinette Belle, s	<i>Hyde Park hs. '84</i>	Atlanta, Ga.
Holloway, May Alida, s	<i>Warren hs. '03</i>	Chicago
Holmes, Martha Camp, a w sp	<i>West Winsted & Gilbert hs.</i>	Warren, O.
Hood, Bessie Alice, s	<i>Racine hs. '95</i>	West Avon, Conn.
Hood, Edna Eliza, s	<i>Racine hs. '95</i>	Racine, Wis.
Hooe, Dodie, s	<i>Dallas hs. '96</i>	Racine, Wis.
Horchem, Bernard John, s	<i>Northern Indiana Normal s.</i>	Dallas, Tex.
Hornbrook, Adelia Roberts, s	<i>A.B. (Indiana State u.) '98; A.M. (Ibid.) '94</i>	Dubuque, Ia.
Hosmer, Alice Gertrude, a w sp	<i>c. of Education '02</i>	Chicago
Hotchkiss, Lulu M., s	<i>Kirksville, Mo., Normal '92; u. of Illinois</i>	Somerville, Mass.
Howe, Elizabeth Ann, a w sp	<i>Hyde Park hs. '98</i>	
Hower, Jessie, s	<i>Canadian I. T., hs.</i>	Hannibal, Mo.
Hoyt, Jessie May, s	<i>Michigan Normal</i>	Omaha, Neb.
Hudson, Elizabeth, a	<i>St. Louis hs.</i>	Haileyville, I. T.
Hugh, Anna Heileman, s	<i>Columbia Oratory c. '99</i>	Grand Rapids, Mich.
Hugh, David Douglas, s	<i>A.B. (Harvard u.) '92; A.M. (Cornell u.) '93</i>	St. Louis, Mo.
Hughes, Elizabeth Frances, s	<i>St. Vincent hs. '93</i>	Greeley, Colo.
Hughes, Harriet Louise, a w sp	<i>S.M. (u. of Chicago) '05</i>	Chicago
Hulburd, Irene Theresa, a w	<i>Hyde Park hs. '02</i>	Chicago
Huling, Grace Marie Ellis, s	<i>Lombard c.</i>	Chicago
Hull, Eva J., s	<i>South Belvidere hs. '03</i>	Downer's Grove
Hull, Ruth, a w sp	<i>Manor s. Larchmont, N. Y. '03</i>	Belvidere
Humbert, Adelbert Dale, s	<i>Cornell (Ia.) c.</i>	Willoughby, O.
Humble, Mame, s	<i>Morris hs. '92</i>	Rapid City, S. D.
Hunter, Florence Amelia	<i>State Normal (Genesee N. Y.) '76</i>	Morris
Huse, Mary Bird, s	<i>S.B. (Washington u.) '03</i>	Greenville
Hutchins, Roy Underwood, sp	<i>Sheridan hs. '06</i>	St. Louis, Mo.
Hyde, Adelyn, s	<i>Sam Houston Normal c.</i>	Sheridan, Ind.
Hyde, Margaret, s	<i>Emporia State Normal</i>	Taylor, Tex.
Illingworth, Corienne Eliza, s	<i>u. of Chicago</i>	Leavenworth, Kan.
Ingraham, Rose, s	<i>Chicago Lloyd's; Easton hs.</i>	Peoria
Irvin, Anna, s	<i>S.B. (Oxford c.) '95</i>	Chicago

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NAME	SCHOOL	HOME ADDRESS
Ivins, Martha Ida, <i>s</i>	<i>Earlham c.</i>	Muncie, Ind.
Izant, Mabel Clara, <i>s</i>	<i>Warren City hs. '91</i>	Warren, O.
Jackman, Ruth, <i>w</i>	<i>University hs.</i>	Chicago
Jackson, Clarinda, <i>s</i>	<i>Purdue c.</i>	LaFayette, Ind.
Jackson, Mary Catharine, <i>s</i>	<i>Atlanta u.; Harvard u.</i>	Augusta, Ga.
Jewett, Annis Cornelia, <i>s a</i>	<i>Howell (Mich.) hs. '02</i>	Chicago
Johnson, Ada Georgiana, <i>s</i>	<i>Racine hs. '85</i>	Racine, Wis.
Johnson, Beulah, <i>s</i>	<i>Moulton (Toronto, Ont.) c.</i>	Cherokee, Ia.
Johnson, Clara Belle, <i>s</i>	<i>Shawnee hs. '05</i>	Shawnee, Okla.
Johnson, Elizabeth, <i>s</i>	<i>Sherman hs. '04; North Texas Normal c.</i>	Durant, I. T.
Johnson, Emma Nellie, <i>s</i>	<i>H. P. Normal c. '03; Simpson c. Indianola, Ia.</i>	Luca, Ia.
Johnson, Inga Laurine, <i>s</i>	<i>u. of Minnesota</i>	Mankato, Minn.
Johnston, Martha Avent, <i>s</i>	<i>Cook County Normal s. '98</i>	Memphis, Tenn.
Jones, America B., <i>s</i>	<i>Russell hs. '01</i>	Versailles, Ky.
Jones, Anna Laura, <i>s</i>	<i>Mississippi I. I. and C.; Haslehurst hs. '96</i>	Crystal Springs, Miss.
Jones, Emily, <i>s</i>	<i>Industrial inst. and c. (Columbus, Miss.); Haslehurst hs. Miss.</i>	Brookhaven, Miss.
Jones, Josephine Goebel, <i>s</i>	<i>Industrial inst. and c.</i>	Hernando, Miss.
Jones, Rose Anna, <i>s</i>	<i>Brigham Young a. '94</i>	Logan, Utah
Jones, Winifred E., <i>s</i>	<i>Racine hs. '79; Oshkosh Normal</i>	Wauwatosa, Wis.
Jordan, Helen, <i>s</i>	<i>St. Joseph hs. '94</i>	St. Joseph, Mo.
Jordan, Marian, <i>s</i>	<i>Normal Training s., S. C.; St. Mary's a. '96</i>	Sioux City, Ia.
Jordan, Mary Richmond, <i>s</i>	<i>Columbus Central hs. '96.</i>	Columbus, O.
Judd, Anna Esther, <i>s</i>	<i>St. Louis Kindergarten c. '00</i>	Carthage, Mo.
Judd, Helen, <i>s</i>	<i>Oread inst. of Domestic Science '08</i>	Upper Alton
Kaye, Lillie, <i>s</i>	<i>Morris hs. '79; Morris Normal</i>	Morris
Kelley, Richard Carlyle, <i>s</i>	<i>A.B. (u. of Iowa) '08</i>	Lamoni, Ia.
Kellner, Tobine Rose, <i>a w sp</i>	<i>Hyde Park hs. '04</i>	Chicago
Kellogg, Marion Ruth, <i>a</i>	<i>Jefferson hs. '02</i>	Chicago
Kelso, James Mitchell, <i>s</i>	<i>Northwestern Normal, Alva, Okla. '04</i>	
Kendall, Ernest Wakefield, <i>s</i>	<i>Brockville hs. '96.</i>	Tonkawa, Okla.
Kenley, Huldah Jane, <i>s</i>	<i>Richmond Normal s. '96</i>	Brockville, Ont.
Kennedy, Anna Victoria, <i>s</i>	<i>State u. hs. '00</i>	Richmond, Ind.
Kennedy, Willie Margaret, <i>s a</i>	<i>Joliet hs.</i>	Henderson, Ky.
King, Katharine G., <i>s</i>	<i>St. Louis hs. '86</i>	Chicago
Kinnard, Margaret Miller, <i>s</i>	<i>Sam Houston Normal s. '99</i>	Kirkwood, Mo.
Kinnard, Mary, <i>s</i>	<i>Belton (Tex.) hs. '89</i>	Dallas, Tex.
Kleinschmidt, Mame, <i>s</i>	<i>Terre Haute c.</i>	Corsicana, Tex.
Knickerbocker, Cora May, <i>s</i>	<i>Spearfish Normal (S. D.) '96</i>	Plymouth, Ind.
Knight, Bessie Place, <i>s</i>	<i>Iowa c.</i>	Lead, S. D.
Knight, Marian, <i>s</i>	<i>Denver hs. '88</i>	Spencer, Ia.
Knox, Beulah, <i>s</i>	<i>A.B. (Patterson inst.) '96</i>	Telluride, Colo.
Knox, Florence, <i>a w sp</i>	<i>B. Didactics (Iowa State Normal) '02</i>	Hillsboro, Tex.
Koch, Carlotta, <i>a w sp</i>	<i>Austin hs. '05</i>	Maxwell, Ia.
Koka, Fuji, <i>s a</i>	<i>Kobe Girls' s. '82; Boston Normal s.; C. C. Vooheer's Training Class</i>	Elmhurst
Krackowizer, Alice Marie, <i>sp</i>	<i>S.B. (u. of Chicago) '06</i>	Osaka, Japan
		Yonkers, N. Y.

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NAME	SCHOOL	HOME ADDRESS
Kyle, Mae, s	A.B. (Park c.) '99; A.M. (ibid.) '03	Parkville, Mo.
Lackersteen, Ruth, a w sp	Hyde Park hs.	Chicago
Lackner, Adele, s	Chicago Normal s. '99	Chicago
La Favor, Will George, a w sp	Art inst., Chicago; Kunst Gewerben, Berlin	Chicago
Lagergren, Anna Constance, w sp	Morgan Park hs. '05	Morgan Park
Lagergren, Selma Gustava, a w	Calumet hs. '02	Morgan Park
Lake, William Albert, w	Indiana State Normal '94; A.B. (Indiana u.) '03	Terre Haute, Ind.
Lamb, Lucy, s	Blue Mountain c.	Batesville, Miss.
Lamb, Maud Evelyn, s	Downers Grove hs. '02	Downers Grove
Lange, Elizabeth Clara, s	Hackley Manual Training s., Muskegan	Muskegan, Mich.
Langley, Elizabeth Euphrosyne, s	Hyde Park hs.	Chicago
La Rowe, Eugene, s	A.M. (u. of Michigan) '98	Hancock, Mich.
Larrabee, Caroline, a w sp	Kirkland s. '85; Kindergarten Training Class	Chicago
Larrabee, Louise G., w	Ph.B. (u. of Chicago) '05	Chicago
Larsen, Avis Gertrude, a w sp	Manistee hs. '02	Manistee, Mich.
Lawrence, Leta, s	u. of Texas	Palestine, Tex.
Leavell, Richard Augustus, s	Chicago Heights hs.; John Marshall hs.; Northwestern u. Preparatory s.	Chicago
Lepman, Stella F., w	Ph.B. (u. of Chicago) '03	Chicago
Leonard, Eva Melissa, a w sp	Hyde Park hs.	Chicago
Leonard, Hettie May, s	Corsicana hs. '00	Corsicana, Tex.
Leonard, Katharine, s	A.B. (u. of Vermont) '98; A.M. (ibid.) '04	Burlington, Vt.
Les Dernier, Ma Belle de, s	Houston hs. '02	Houston, Tex.
Lilley, Henrietta Miller, a	California (Pa.) Normal '90	California, Pa.
Livingstone, Ruby Kerslake, s	Grand Rapids hs. '96	Grand Rapids, Mich.
Lodge, Charlotte Maude, a	St. Clara c. '99	Chicago
Loewenthal, Judith W., a w sp	Frances Shimer a. '01	Chicago
Lomax, Jesse May, s	A.B. (Blue Mountain c.) '03	Batesville, Miss.
Lovett, Ida Campbell, a w	A.B. (Radcliffe c.) '91	Chicago
Lowenthal, Ethel Rose, a w sp	Wendell Phillips hs. '05	Chicago
Luce, Elizabeth Case, s a w sp		Chicago
Lund, Jessie McKee, a w sp	a. of Marietta, '91; Lake Erie c.	Marietta, O.
Lyman, Ruth Ada, s	Grand Rapids Kindergarten Training s. '02	Oakaloosa, Ia.
Lyons, Evelyn Richards, a w sp	Ononco State Normal s. '94.	Winsor, N. Y.
Lynch, Emma Margaret, s	East Division hs. '05	Milwaukee, Wis.
Lynch, May Elizabeth, s	Milwaukee State Normal '03	Milwaukee, Wis.
Lyon, Carrie Helen, s	Kansas State Manual Training Normal '04	Chetopa, Kan.
Maffett, Minnie Lee, s	L.I. (Sam Houston Normal inst.) '02	Groesbeck, Tex.
Magee, Elsie Maria, a w sp	Geneseo hs. '05	Geneseo
Magee, Harriet Cecil, s	Provincial Normal s., New Brunswick; Mt. Holyoke c. '82	Oshkosh, Wis.
Mahan, Marion Silvertice, s	Central Normal c.; Indiana u.	Orleans, Ind.
Maher, Julia Genevieve, s	St. Xavier's a.	Symerton
Mahon, Laura, s	P. Plain a. '93	Fairfield, Ia.
Mahoney, Julia Aimee, s	Ottumwa hs. '91	Ottumwa, Ia.

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NAME	SCHOOL	HOME ADDRESS
Maine, Carrie Beulah, s	<i>Lincoln Kindergarten inst.</i> '99	Lincoln, Neb.
Markland, Rolla Varnon, a w	<i>Missouri State Normal</i> '03	Armstrong, Mo.
Martin, Allen Birch, s	S.B. (u. of Michigan) '97	Marysville, Cal.
Martin, Ollie Jane, s	<i>Kansas State Agricultural c.</i>	Garnett, Kan.
Matheny, Clara B., s	L.B. (Baldwin u.) '98; B. Ped. (<i>Ibid.</i>) '95	Casper, Wyo.
Matheny, Louise French, sp	<i>Springfield hs.</i> '02	Springfield
Mayne, Ethel Marie, a w sp	<i>Charlevoix hs.</i> '02; <i>Albion c.</i>	Charlevoix, Mich.
Menage, Bessie Marble, s a w sp	<i>Lake Forest c.</i>	Chicago
Merritt, Allena Richardson, sp	<i>Albion hs.</i> '00; <i>Albion c.</i> '03	Albion, Mich.
Meyers, Ira Benton, a	<i>Chicago Normal s.</i> '95	Chicago
Michelson, Edna Stanton, s a	S.B. (u. of Chicago) '98	Chicago
Miller, Edwin L., s	A.B. (u. of Michigan) '90; A.M. (<i>Ibid.</i>) '91	Chicago
Milner, Mary Letitia, s	<i>State Normal c.</i> '91	Chicago
Miner, Elizabeth, sp	<i>Cedar Rapids hs.</i> '00	Florence, Ala.
Minkler, Edna Mae, s	<i>Upper Iowa u.</i>	Chicago
Mitchell, Mary Alpha, s	<i>Wellington, Kan., hs.</i>	Lake Bluff
Mollart, Edith, s	<i>Dubuque hs.</i> '98	Pueblo, Colo.
Montague, Alice Helen, a w sp	<i>Englewood hs.</i> '03	Dubuque, Ia.
Montgomery, Lydia Duncan, s	<i>Sedalia hs.</i> '95	Chicago
Moore, Alice Dixon, a w sp	<i>Milwaukee-Downer c.</i> '02	Sedalia, Mo.
Moore, Bertha Eloise, s	A.B. (u. of Chicago) '03	Ironwood, Mich.
Moore, Stella Foster, s	A.M. (Southwestern u.) '99	Austin, Tex.
Morehouse, Lenerl Pansy, a	<i>Council Bluffs hs.</i> '02	Georgetown, Tex.
Morey, Maude A., a sp	<i>Ottumwa hs.</i> '04	Council Bluffs, Ia.
Morris, Sarah, s	<i>Racine hs.</i> '00	Ottumwa, Ia.
Morrison, Grace, s	<i>West Des Moines hs.</i> '98	Racine, Wis.
Morrisette, Frances Gaines, s	<i>Oread inst. of Domestic Science</i> '00	Des Moines, Ia.
Morrow, Jessie Eleaine, s	S.B. (Oklahoma A. & M. c.) '03	Montgomery, Ala.
Morton, Charlotte Pauline, sp	<i>Illinois State Normal s.</i>	Stillwater, Okla.
MacVicar, Ella, s	<i>Provincial Normal, New Brunswick</i> '97	Chicago
McKay, E. D., s	<i>Greenville hs.</i> '00	Winfield, Kan.
McKenzie, Jennie, s	<i>Rio Vista hs.</i> '00	Greenville, Miss.
McKinley, Mae, s	<i>Oread inst. of Domestic Science</i> '02	Hillsboro, Tex.
McLaurin, Paul DeLeon, s	A.B. (u. of Nashville) '04	Roanoke, Va.
McLean, Addie Lucinda, s	<i>Northern Illinois State Normal</i> '03	Braxton, Miss.
McNeil, Esther, s	<i>Covington hs.</i> '98	Batavia
McNulty, Mary E., s	<i>Tempe, Ariz., Normal s.</i> '01	Covington, Ky.
McQuaid, Lulu, s	<i>Canton hs.</i> '95	Tempe, Ariz.
McCann, Lillie Belle, s	<i>Indianapolis hs.</i> '94	Canton
McClellan, Myrta Lisle, s a w sp	<i>Southwest Kansas c. (Winfield)</i>	South Bend, Ind.
McClure, Kate Hay, s	<i>Coshocton hs.</i> '83	Colorado Springs, Colo.
McCormack, Edna F., s a w sp	<i>Belhaven c.; Shorter c., Rome, Ga.</i>	Coshocton, O.
McCoy, Lulu, s a w	Ph.B. (u. of Chicago) '05	Chicago
McCrummen, Ethel, s	A.B. (Trinity u.) '00	Chicago
McCutcheon, Bessie, s	<i>Indiana State u.; Classical s.</i>	Paris, Tex.
McEniry, Elizabeth Philomene, a w sp	<i>Josephinum hs.</i> '05	Evansville, Ind.
Neenan, Margaret, s	<i>Keokuk hs.</i> '93	Chicago
		St. Louis, Mo.

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NAME	SCHOOL	HOME ADDRESS
Negus, Lenore Latham, <i>s</i>	Ph.B. (Northwestern u.) '03	Wilmette
Neuhaus, Barinka Clara, <i>a w sp</i>	Milwaukee Normal '00	Burlington, Wis.
Nolan, Evangeline, <i>s</i>	Lincoln, Neb., <i>hs.</i> '98	Great Falls, Mont.
Nourse, Alice Louise, <i>a</i>	Downers Grove <i>hs.</i> '01	Downers Grove
Nunn, Annie, <i>s</i>	Sam Houston Normal <i>s.</i>	Taylor, Tex.
Nunn, Mary, <i>s</i>	Sam Houston Normal <i>s.</i> '91	Taylor, Tex.
Oberfelder, Mae, <i>a w sp</i>	South Division <i>hs.</i> '04	Chicago
O'Brien, Elizabeth, <i>sp</i>	Englewood <i>hs.</i> '05	Chicago
Olson, Tillie Elvira, <i>s</i>	Galva <i>hs.</i> '00	Bishop Hill
O'Neil, Cathryn Garrabrant	Cook County Normal '85	Wallace, Idaho
Ormsby, Fulton Bailey, <i>s</i>	Union <i>a.</i> '78	Chicago
Owen, Edwin Bentley, <i>s</i>	S.B. (North Carolina A. & M. c.)	Lexington, N. C.
Painter, Lura, <i>s</i>	Streator <i>hs.</i> '01	Streator
Palm, Macra Elliott, <i>s</i>	Coshocton <i>hs.</i> '96	Coshocton, O.
Palmer, Pauline, <i>a w sp</i>	University <i>hs.</i>	Chicago
Palmquist, Christine Maria, <i>s</i>	Moline Training <i>s.</i> '06	Moline
Parke, Mila, <i>a w sp</i>	Sycamore <i>hs.</i> '97	Sycamore
Parke, Ruth, <i>a w sp</i>	Sycamore <i>hs.</i> '00	Sycamore
Patterson, Alice Blanche, <i>s</i>	S.B. (Monmouth c.) '86	Smithville, Tex.
Patterson, Caroline Amelia, <i>s</i>	Pittsburg <i>hs.</i> '96	Wilksburg, Pa.
Patton, Beatrice Chandler, <i>a w sp</i>	Los Angeles, Cal., Normal '04	Los Angeles, Cal.
Patty, Edith, <i>s</i>	Wesleyan c. '93	Hillsboro, Tex.
Payne, Bertha, <i>a</i>	Home s., Racine, Wis.	Chicago
Payne, Mary Ethel, <i>s</i>	Hinsdale <i>hs.</i> '03	Hinsdale
Pettit, Anna Virginia, <i>s</i>	u. of Illinois	Chicago
Phillips, Mary Hathaway, <i>s</i>	Illinois Female sm. Jacksonville '90	
Pidcocke, Azelete, <i>s</i>	State Normal '01	Deadwood, S. D.
Pierce, Marguerite D., <i>a w sp</i>	South Division <i>hs.</i> '04	Waco, Tex.
Pierson, Johnnie, <i>s</i>	Denton Normal	Chicago
Piper, Helen Maria, <i>s</i>	u. of Nebraska	Hamilton, Tex.
Plimpton, Mary Blair, <i>a</i>	u. of Chicago; Art inst.	Lincoln, Neb.
Pond, Florence Aileen, <i>s</i>	Manhato Normal '01	Chicago
Pope, Flora Estelle, <i>s a w sp</i>	Lee, Mass., <i>hs.</i> '87	Brookings, S. D.
Porges, Lillian Hannah, <i>a w sp</i>	Hyde Park <i>hs.</i> '04	Morton Park
Porges, Olga Beatrice, <i>a w sp</i>	Hyde Park <i>hs.</i> '08	Chicago
Porter, Lucy Grace, <i>a</i>	Ft. Scott <i>hs.</i> '01	Chicago
Powell, Susan Virginia, <i>s</i>	u. of Mississippi '03	Ft. Scott, Kan.
Pratt, Frederick Emery, <i>s</i>	C.E. (Ohio State u.) '00	Brookhaven, Miss.
Proby, Marguerite, <i>a w sp</i>	Hyde Park <i>hs.</i> '05	Colorado Springs, Colo.
Purcell, Helen Elizabeth, <i>a w sp</i>	Saginaw <i>hs.</i> '85	Chicago
Purdy, Bessie, <i>s</i>	Northern Indiana Normal <i>s.</i>	Saginaw, Mich.
Putnam, Helen, <i>w</i>	Chicago inst.	Lowell, Ind.
Pyle, Elizabeth, <i>s</i>	Covington <i>hs.</i> '73	Chicago
Pyle, Jay C., <i>s</i>	B. Lit. (Baylor c.) '94	Covington, Ky.
Rainey, Hattie, <i>s</i>	B.P. (Grayson c.) '98	Celeste, Tex.
Ramey, Afra Beatrice, <i>s a w sp</i>	u. of Minnesota	Durant, I. T.
Randall, Grace Olive, <i>a w sp</i>	A.B. (u. of Chicago) '08	Chicago
Raub, Bertha, <i>s</i>	Sam Houston Normal	Chicago
		Dallas, Tex.

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NAME	SCHOOL	HOME ADDRESS
Ray, Clara, <i>s</i>	M. E. L. (<i>Blue Mountain Female c.</i>) '04	Corinth, Miss.
Reddy, Ruth Marie, <i>a</i>	<i>Hyde Park hs.</i> '01	Chicago
Reed, Daisy, <i>s</i>	<i>S. McAlister, I. T., hs.</i> '08	Haileyville, I. T.
Reilly, Anna, <i>a w sp</i>	<i>Mt. St. Joseph c.</i> '91	Chicago
Reynolds, Ida Nolan, <i>s</i>	<i>Primary Training s., Drake u.</i> '08	Churdan, Ia.
Reynolds, Myra, <i>s</i>		Chicago
Rhodes, Helen, <i>sp</i>	<i>Geneva sm.</i>	New York, N. Y.
Rice, Hortense Carolyn, <i>a sp</i>	<i>Hyde Park hs.</i> '04	Chicago
Richard, Carrie, <i>s</i>	<i>Tombana Preparatory</i>	Lawton, Okla.
Richmond, Eva Sarah, <i>a w sp</i>	<i>Oshkosh Normal</i>	Oshkosh, Wis.
Ricker, Althea Mae, <i>sp</i>	<i>East Aurora hs.</i> '02	Aurora
Riechers, Henry Frederick, <i>s</i>	<i>Indiana State Normal</i>	Crown Point, Ind.
Riley, Jessie Trotter, <i>w sp</i>	<i>Ph.B. (Baylor u.)</i> '05	Waco, Tex.
Riley, John William, <i>s</i>	<i>Oshkosh Normal s.</i> '04	Racine, Wis.
Robb, Ena, <i>s</i>	<i>Chicago inst.</i>	Houston, Tex.
Robbins, Jane Ward, <i>a w sp</i>	<i>Home and Day hs. Detroit,</i> '98	Detroit, Mich.
Robertson, Elizabeth Wells, <i>a w sp</i>	<i>Ph.B. (u. of Chicago)</i> '05	Chicago
Robertson, Ruth, <i>a</i>	<i>University hs.</i> '05	Zanesville, O.
Robinson, Clara Elizabeth, <i>w sp</i>	<i>A.B. (Michigan c.)</i> '05	Chicago
Robinson, Flora Ann, <i>s</i>	<i>A.B. (Indiana State u.)</i> '98	Greenwood, Ind.
Robinson, Minnie, <i>s</i>	<i>Ludington, Mich., hs.</i> '88	Benton Harbor, Mich.
Robinson, Robert Pomeroy, <i>s</i>	<i>S.B. (Beloit c.)</i> '05	Beloit, Wis.
Roggeveen, Alina, <i>w sp</i>	<i>Blue Island hs.</i> '05	Blue Island
Rohrer, Rena, <i>s</i>	<i>St. Joseph hs.</i> '87	St. Joseph, Mo.
Rondthaler, Anna Salome, <i>s</i>	<i>Lake View hs.</i> '01	Chicago
Rudy, Anna M., <i>s</i>		Colorado Springs, Colo.
Russell, Vinnedge M., <i>s</i>	<i>Earlham c.</i>	Platteville, Wis.
Ryan, Cora Louise, <i>s</i>	<i>Iowa State Normal</i>	Oskaloosa, Ia.
Rydborg, Jennie Christina, <i>s</i>	<i>Hastings c., u. of Nebraska</i>	Stompsburg, Neb.
Salter, Pearl, <i>a w sp</i>	<i>Englewood hs.</i> '03	Chicago
Samuel, Elizabeth N., <i>s</i>	<i>Columbus Kindergarten Normal Training s.</i> '98	Columbus, O.
Sawyer, Elsie, <i>s</i>	<i>u. of Texas</i>	Hillsboro, Tex.
Scanlan, Margaret A., <i>a w sp</i>	<i>St. Joseph's acad.</i> '04	Chicago
Schell, Emily, <i>s</i>	<i>Quincy hs.</i>	Quincy
Scherz, Anna Talea, <i>w</i>	<i>Seminar, Ornabrück, Germany</i>	Chicago
Scherz, Theodore Janet, <i>w sp</i>	<i>Eisenach, Germany</i>	Chicago
Schloss, Leon J., <i>s</i>	<i>Findlay c.</i>	Findlay, O.
Schmierer, Birdie, <i>s</i>		Salt Lake City, Utah
Schneider, Anna Harriet, <i>s</i>	<i>Kindergarten c.</i> '89; <i>Armour inst.</i>	Chicago
Schofield, Linnie, <i>s</i>	<i>Freeport hs.</i>	Freeport
Scott, Mary Edna, <i>s</i>	<i>Springfield hs.</i>	Havana
Scruggs, Enos L., <i>s</i>	<i>D.B. (Theological sm., Morgan Park, Ill.)</i> '90	Macon, Mo.
Secord, Edna, <i>a w sp</i>	<i>Hyde Park hs.</i> '04	Chicago
See, Helena M., <i>w</i>	<i>Hyde Park hs.</i> '01	Chicago
Sharrard, Kate, <i>s</i>	<i>Kansas State Normal s.</i> '02	Atchison, Kan.
Shaw, Agnes Jane, <i>s</i>	<i>Covington, Ky., hs.</i> '83	Covington, Ky.
Shaw, Clara, <i>s</i>	<i>Valparaiso c.</i> '80; <i>u. of Chicago</i>	Chicago

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NAME	SCHOOL	HOME ADDRESS
Shearer, Sara Louise, <i>s</i>	<i>Green Bay, Wis., hs.</i>	Green Bay, Wis.
Shepard, Nelle, <i>s</i>	<i>Bethany c.</i>	Burlingame, Kan.
Shepardson, Cora W., <i>s</i>	<i>Young Ladies' inst., Granville, Ohio '82</i>	Chicago
Shepperson, Mildred, <i>s</i>	<i>Teachers c.</i>	Athens, Ga.
Sheridan, Anna, <i>s</i>	<i>Hailman Training s. '95</i>	Attica, Ind.
Shuck, Merritte Edwin, <i>s</i>	<i>Drake u.</i>	Derby, Ia.
Shumway, William Loren, <i>s</i>	<i>Fed.B. (Colorado State Normal) '94</i>	San Antonio, Tex.
Sims, Fannie Augusta, <i>sp</i>	<i>Art inst. (Design) '99</i>	Chicago
Small, Jennie, <i>s</i>	<i>Indiana State Normal s. '94</i>	Elwood, Ind.
Smart, Gerald Harwood, <i>a</i>	<i>Hyde Park hs.</i>	Chicago
Smiley, William Gilmore, <i>s</i>	<i>S.B. (National N. w) '00: A.B. (Ibid.) '08</i>	Houston, Tex.
Smith, Lollie Moore, <i>a</i>	<i>L.I. (Georgia Normal c) '02</i>	Athens, Ga.
Smithers, Louise, <i>s</i>	<i>Wayland sm. '91</i>	Hinton, W. Va.
Snyder, Anna E., <i>s</i>	<i>Kansas Normal s.</i>	Emporia, Kan.
Southgate, Susan Glover, <i>s</i>	<i>State Normal s., Athens, Ga.</i>	Atlanta, Ga.
Sparks, Jasper R., <i>s</i>	<i>Indiana u.</i>	Carrollton
Spaulding, Charles Ellsworth, <i>s</i>	<i>A.B. (u. of Indiana) '97</i>	Converse, Ind.
Spence, Margaret, <i>a w</i>	<i>Oak Park hs. '08</i>	Chicago
Sprague, Lillian Olive, <i>a w sp</i>	<i>State Normal, Albany, N. Y. '97</i>	Salem, O.
Stanley, Louise, <i>s a w sp</i>	<i>S.B. (Peabody c.) '08</i>	Nashville, Tenn.
Starbird, Myrtle Irene, <i>a</i>	<i>A.B. (u. of Chicago) '04</i>	Chicago
Starr, Sarah, <i>s</i>	<i>Cook County Normal s. '90</i>	Hammond, Ind.
Steele, Jessie Belle, <i>s</i>	<i>Sedalia hs. '83</i>	Sedalia, Mo.
Stemmons, Bessie, <i>a w sp</i>	<i>Dallas hs. '04</i>	Dallas, Tex.
Stiles, Edith, <i>s</i>	<i>Richmond Pub. s.</i>	Richmond, O.
Stinson, Charlotte Louise, <i>w sp</i>	<i>Wellesley c.</i>	Chicago
Stinson, Cornelia Irene, <i>w</i>	<i>S.B. (Wellesley c.)</i>	Chicago
Stout, Edwin Gillespie, <i>w sp</i>	<i>Georgetown c.</i>	Versailles, Ky.
Strain, Lillie Ernestine, <i>s</i>	<i>P. V. Normal c. '08</i>	Austin, Tex.
Stubbs, Charles Leon, <i>s</i>	<i>B.L. (Earlham c.) '97</i>	Kentland, Ind.
Stutsman, Naomi, <i>a</i>	<i>Brookfield acad. '00; u of Missouri</i>	Brookfield, Mo.
Sullivan, Eunice Elmira, <i>s</i>	<i>New s. of Methods, American Book Co. '01</i>	Evansville, Ind.
Sumpter, Minnie Sarah, <i>s</i>	<i>Iowa c. acad. '02; Iowa c.</i>	Sloan, Ia.
Sumwalt, Carrie Myers, <i>s</i>	<i>Johns Hopkins u.; Kindergarten; Chautauqua, N. Y.</i>	Baltimore, Md.
Sutton, Kate F., <i>a w</i>	<i>State Normal, Montana</i>	Bozeman, Mont.
Taft, Anna Grace, <i>s</i>	<i>Boston hs. '92</i>	Chicago
Tarbell, Luella Marion, <i>s</i>	<i>Peoria hs.</i>	Peoria
Tarrant, Bertha Hill, <i>s</i>	<i>Armour inst. '00</i>	Ann Arbor, Mich.
Taylor, Katharine, <i>s</i>	<i>LaCrosse hs. '98</i>	Chicago
Taylor, Margaret Beatrix, <i>s</i>	<i>Streator hs. '01</i>	Streator
Taylor, Reuben Wilcoxson, <i>a w sp</i>	<i>Missouri Military a. '04</i>	Roanoke, Mo.
Teall, Robert James, <i>s</i>	<i>A.B. (Beloit c.), '00</i>	Moline
Temple, Alice, <i>a</i>	<i>Chicago Free Kindergarten Association '87</i>	Chicago
Terry, Ina Alice, <i>s</i>	<i>Winamac hs. '01</i>	Winamac, Ind.
Thomson, Elizabeth, <i>a w sp</i>	<i>Acad. of Doane c. '92; u. of Nebraska</i>	Omaha, Neb.

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NAME	SCHOOL	HOME ADDRESS
Thompson, Nellie Vanetta, s	B.Pd. (Colorado State Normal) '02	Roswell, Colo.
Thompson, Sarah Ann, s	Lanark, Ill., hs. '88	Batavia
Thompson, Sonora Eleanor, s	St. Joseph hs. '79	St. Joseph, Mo.
Thornton, Mabel, sp	Calumet hs. '02; Lake Forest c.	Chicago
Todd, Marie Anne, s	State Normal s., Cheney '04	Cheney, Wash.
Tolman, Isabel Stevens, s		Chicago
Torrey, Jennie, s	Union Church hs. '96	Fayette, Miss.
Townsend, Ruth, a w sp	Lima, O., hs.	Chicago
Trawick, Ethel Warthen, s	u. of Texas	Waco, Tex.
Treganza, Alice Rosetta, a w sp	c. of Education '02	Joplin, Mo.
Treon, Carrie, s	Centerville hs. '89	Centerville, Ia.
Trist, Cora, sp		Racine, Wis.
Trow, Louise Benedict, a w	Lucy Wheelock Kindergarten Normal, Boston '97	Chicago
Truesdell, Mabel El., s	Warren hs. '97	Warren, O.
Truman, Charlotte Ella, s a	State Normal s., Buffalo, N. Y.	San Francisco, Cal.
Turner, Jessie Long, s	Iowa c. acad.	Farrar, Ia.
Turner, Sarah Claude, s	Agnes Scott inst.; Girls High s. '08	Covington, Ga.
Twichell, Helen Gertrude, s	Lodi, Wis., hs.	Aberdeen, S. D.
Twiss, George Ransom, s	S.B. (Ohio State u.) '85	Cleveland, O.
Van Dervoort, Theodocia, s a	M.E.L. (Grand Prairie sm.) '91	Chicago
Van Voorhees, Laura, a w sp	Springfield, O., hs. '02	Chicago
Vaughn, Samuel Jesse, s	Weaubleau collegiate inst. '96	Springfield, Mo.
Venard, Dorothy B., w sp	B.L. (Park c.) '99; Oberlin c.	Tucson, Ariz.
Viall, Grace Medora, w	Calumet hs. '02	Chicago
Viley, Mary Belle, s	Kentucky State c.	Lexington, Ky.
Vincent, Louise Palmer, w	A.B. (Wellesley) '86	Chicago
Vincent, Margaret, a w sp	Manistee hs. '08	Manistee, Mich.
Von Wedelstaedt, Elizabeth, w sp		Chicago
Voss, Charlotte Alberta, s	Michigan City hs. '08	Michigan City, Ind.
Wakeman, Caroline, s a w sp	Englewood hs. '96; u. of Chicago	Chicago
Waldron, Myrtle Inez, s	Topeka hs. '08	Topeka, Kan.
Walrath, Cornelia Robertson, s	A.B. (Milwaukee-Downer c.) '87; Milwaukee Normal '89; c. of Education '08	Racine, Wis.
Walrath, Frederick Emery, s	Geneseo Normal '91; Alfred c.	Jasper, N. Y.
Warner, Alice May, s	West Division hs. '89	Sibley
Warner, Lillian Anna, a	John Marshall hs. '08	Chicago
Warren, Irene, w	Armour inst. library s. '96	Chicago
Washburn, Miriam Elim, a w sp	A.B. (Lake Forest c.) '05	Chicago
Watson, Joyce, w	B.D. (Iowa State Normal c.) '01	Racine, Wis.
Watson, Mrs. Kate Heintz, s	Armour inst.	Sioux City, Ia.
Watts, Lois Reva, s	South Division hs. '91	Chicago
Wearne, Amy Ellery s	Calumet hs. '00	Chicago
Weatherby, Lillian S., s	Detroit Normal s. '91	Laurium, Mich.
Webb, Adeline, s	A.B. (Woman's c., Baltimore) '01	Detroit, Mich.
Webb, Emma, a w sp	Webb s.; Randolph-Macon Woman's c.	Bell Buckle, Tenn.
Webb, Susan, a w sp	Webb s.; Randolph-Macon Woman's c.	Bell Buckle, Tenn.
Webster, Grace Howland, s	Cook County Normal '78	Chicago

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NAME	SCHOOL	HOME ADDRESS
Webster, Mary Evelyn, <i>s</i>	<i>Dallas</i> hs. '00	Dallas, Tex.
Weigley, Mildred, <i>s a w sp</i>	<i>Lake View</i> hs. '04	Chicago
Weirsmith, Katherine, <i>s</i>	<i>Ottumwa</i> hs. '90	Ottumwa, Ia.
Wells, Florence E., <i>w sp</i>	<i>Geneseo State Normal</i> s. '00	Palmyra, N. Y.
Wertman, Florence Edna, <i>s</i>	<i>State Normal</i> '98	Lead, S. D.
Wescott, Ada Virgil, <i>w</i>	<i>Illinois Training s. for nurses</i> '88	Chicago
White, Elizabeth Serena, <i>s</i>	<i>u. of Chicago</i>	Chicago
White, Inez Mae, <i>s</i>	<i>Cortland, N. Bloomfield</i> hs.	Warren, O.
White, Nellie Katherine, <i>s</i>	<i>Shelbyville, Ill.,</i> hs. '02	Roswell, N. M.
Whipple, Blanche, <i>s</i>	<i>Chicago Froebel Association</i> '99	Chicago
Whitney, Frederick Lamson, <i>w sp</i>	<i>Iowa State</i> c.	Osage, Ia.
Wible, William John, <i>s</i>	<i>A.B. (Cor. c., Fenton, Mich.)</i> '02	Golden
Wienke, Henry Charles, <i>s</i>	<i>Harvard, Ill.,</i> hs.	Belvidere
Wieser, Anna, <i>s a</i>		Hico, Tex.
Wieser, Annette, <i>s</i>	<i>Ursuline</i> a. '02	Hico, Tex.
Wieser, Mary, <i>s</i>	<i>Ursuline</i> a. '03	Hico, Tex.
Wilbur, Calla Eugenia <i>a w sp</i>	<i>Charlevoix</i> hs. '02	Charlevoix, Mich.
Wilcox, Edith Mary, <i>a w sp</i>	<i>S.B. (u. of California)</i> '05	Oakland, Cal.
Wilkes, Bertha, <i>a w sp</i>	<i>Hyde Park</i> hs. '02; <i>Denison</i> u.	Chicago
Williams, Essie May, <i>s</i>	<i>Duval</i> hs. '95	Jacksonville
Williams, Mynnie, <i>s</i>	<i>Thomas Arnold</i> hs.	Sherwood, Tex.
Willis, Ellen, <i>s</i>	<i>Paducah</i> hs. '76	Paducah, Ky.
Willison, Henrietta, <i>s a w</i>	<i>Sam Houston Normal</i> '87	Dallas, Tex.
Wisner, Lillian, <i>s</i>	<i>Mayville, N. D., Normal</i>	Davenport, N. D.
Wolcott, Maude Harriet, <i>a w sp</i>	<i>Elgin</i> hs. '03	Elgin
Wolfenden, Marjorie, <i>a w sp</i>	<i>Grand Rapids</i> hs. '05	Chicago
Wood, Harriet, <i>w sp</i>	<i>Hyde Park</i> hs.	Chicago
Wood, Mildred Cooper, <i>s</i>	<i>Private tutors; Albany Library</i> s. (Summer '00)	Cleveland, O.
Woods, Ruby Ellen, <i>sp</i>	<i>Elgin</i> hs. '04	Elgin
Woodward, Clark, <i>s</i>	<i>A.B. (Winchester c.)</i> '96	Danville
Woodward, Harriet, <i>s</i>	<i>Alma Kindergarten</i> c. '01	Alma, Mich.
Workman, Annie Josephine, <i>s</i>	<i>Galt, Ont.,</i> hs. '85	Orangeville, Ontario, Can.
Wormser, Alice, <i>w</i>	<i>Armour</i> inst.	Chicago
Worthington, Salome Cecilia, <i>s</i>	<i>Kentucky State Normal</i> '93	Louisville, Ky.
Wright, Bertha Ophelia, <i>s</i>	<i>Iowa</i> c.	Cherokee, Ia.
Wright, Elizabeth Taylor, <i>s</i>	<i>Julian s., Paris, France,</i> '91	Minneapolis, Minn.
Wright, Florence Mabel <i>a w sp</i>	<i>National Normal</i> u. '89	Chillicothe, O.
Wright, Mary Alice, <i>s</i>	<i>Springfield</i> hs. '01	Springfield
Wright, Mary Ethel, <i>s</i>	<i>Sand Springs, Ia.,</i> hs. '83	Lead, S. D.
Wright, Mary Isora, <i>s</i>	<i>Dawson</i> hs. '00	Hillsboro, Tex.
Wright, Nannie, <i>s</i>	<i>Missouri State</i> u.	Mexico, Mo.
Wunner, Alice Edna, <i>a w sp</i>	<i>Stanton</i> hs. '04	Stanton, Neb.
Wygant, Elsie Amy, <i>w</i>	<i>West Division</i> hs. '95	Chicago
MEN—74	WOMEN—606	TOTAL—680

SUMMARY

OF ATTENDANCE BY QUARTERS AND FOR THE YEAR 1905-6

I. THE DEPARTMENTS OF ARTS, LITERATURE, AND SCIENCE

THE GRADUATE SCHOOLS	SUMMER QUARTER 1905			AUTUMN QUARTER 1905			WINTER QUARTER 1906			SPRING QUARTER 1906			TOTAL (DIFFERENT) STUDENTS		
	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.
Grad. School of Arts and Lit.....	232	187	419	129	125	254	120	111	231	115	94	209	332	300	632
Ogden (Grad.) School of Science ..	231	63	294	151	34	185	138	34	172	135	29	164	346	94	440
University College.....	...	...	...	...	...	...	...	...	...	...	...	...	14	34	48
Total Graduate students	463	250	713	280	159	439	258	145	403	250	123	373	692	428	1120

THE SENIOR COLLEGES	SUMMER QUARTER 1905			AUTUMN QUARTER 1905			WINTER QUARTER 1906			SPRING QUARTER 1906			TOTAL (DIFFERENT) STUDENTS		
	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.
Arts (A.B.).....	24	21	45	17	50	67	24	57	81	24	55	79	51	79	130
Literature (Ph.B.).....	27	61	88	31	116	147	40	137	177	49	148	197	72	206	278
Science (S.B.).....	31	12	43	47	19	66	44	20	64	45	28	73	76	35	111
Commerce and Administration (Ph.B.).....	9	4	13	19	2	21	19	1	20	23	...	23	40	4	44
*Medical..... { Arts.....	...	...	...	1	...	1	1	...	1	1	...	1	1	...	1
{ Literature.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
{ Science.....	4	...	4	35	1	36	41	1	42	42	...	42	49	1	50
*Law..... { Arts.....	2	...	2	2	...	2	2	...	2	1	...	1	2	...	2
{ Literature.....	2	...	2	11	...	11	11	...	11	9	...	9	13	...	13
{ Science.....	...	...	...	1	...	1	1	...	1	1	...	1	1	...	1
{ Commerce and Ad- ministration.....	3	...	3	4	...	4	4	...	4	4	...	4	6	...	6
*Divinity..... { Arts.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
{ Literature.....	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1
{ Science.....	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1
*School of Educa- tion... { Arts.....	...	...	...	...	2	2	1	1	2	1	...	1	1	2	3
{ Literature.....	...	...	...	1	8	9	3	12	15	1	7	8	3	12	15
{ Science.....	...	...	...	1	3	4	...	5	5	...	3	3	1	2	3
{ Commerce and Ad- ministration.....	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...
University College.... { Arts.....	...	...	...	1	...	1	1	...	1	...	...	...	2	...	2
{ Literature.....	...	...	...	4	8	12	4	8	12	1	6	7	3	9	12
{ Science.....	...	...	...	...	1	1	...	1	1	1	...	1	1	1	2
{ Commerce and Ad- ministration.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pro Forma { Arts.....	1	...	1	...	2	2	2	1	3	3	...	3	6	3	9
{ Literature.....	...	...	...	...	1	1	1	1	2	1	5	6	2	7	9
{ Science.....	2	...	2	2	...	2	1	...	1	2	...	2	7	...	7
{ Commerce and Ad- ministration.....	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1
Total.....	108	98	206	177	214	391	200	245	445	209	252	461	340	361	701

* Of the above groups the Medical and Law groups are duplicated; the Divinity and Education are not.

SUMMARY—Continued

THE JUNIOR COLLEGES	SUMMER QUARTER 1905			AUTUMN QUARTER 1905			WINTER QUARTER 1906			SPRING QUARTER 1906			TOTAL (DIFFERENT) STUDENTS		
	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.
Junior College of Arts (A.B.)	9	14	23	45	48	93	42	43	85	36	37	83	58	62	120
Junior Coll. of Literature (Ph.B.)	18	47	65	62	280	342	59	247	306	51	244	295	81	349	430
Junior College of Science (S.B.)..	39	7	46	154	36	190	141	27	168	137	22	159	196	40	236
Junior College of Philosophy (Ph.B.)	21	...	21	161	2	163	144	2	146	123	1	124	186	2	188
University College.....	...	...	...	9	41	50	9	40	49	4	9	13	19	44	63
Total in Junior Colleges, in- cluding University College	87	68	155	431	407	838	395	359	754	351	313	664	540	497	1037

THE UNCLASSIFIED STUDENTS	SUMMER QUARTER 1905			AUTUMN QUARTER 1905			WINTER QUARTER 1906			SPRING QUARTER 1906			TOTAL (DIFFERENT) STUDENTS		
	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.
The Unclassified students.....	141	316	457	62	77	139	60	84	144	42	50	92	209	416	625
University College (including Railway students).....	...	...	...	252	200	452	182	160	342	114	36	150	305	236	541
Total	141	316	457	314	277	591	242	244	486	156	86	242	514	652	1166

UNIVERSITY COLLEGE*	SUMMER QUARTER 1905			AUTUMN QUARTER 1905			WINTER QUARTER 1906			SPRING QUARTER 1906			TOTAL (DIFFERENT) STUDENTS		
	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.
The Graduate Schools.....	15	30	45	11	26	37	4	6	10	14	34	48
The Senior Colleges.....	4	11	15	6	12	18	2	6	8	12	20	32
The Junior Colleges.....	9	41	50	9	40	49	4	9	13	19	44	63
Unclassified students.....	74	200	274	58	160	218	14	36	50	104	236	340
Railway students	178	...	178	124	...	124	100	..	100	201	...	201
Total in University College..	280	282	562	208	238	446	124	57	181	350	334	684

* Included in above tables.

TOTAL ARTS, LITERATURE, AND SCIENCE

	SUMMER QUARTER 1905			AUTUMN QUARTER 1905			WINTER QUARTER 1906			SPRING QUARTER 1906			TOTAL (DIFFERENT) STUDENTS		
	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.
Total students registered.....	799	732	1531	1202	1057	2259	1095	993	2088	966	774	1740	2086	1938	4024
Duplicates.....	2	15	17	8	13	21	9	14	23	2	...	2	94	124	218
Net Totals.....	797	717	1514	1194	1044	2238	1086	979	2065	964	774	1738	1992	1814	3806

SUMMARY—Continued

II. THE PROFESSIONAL SCHOOLS

THE DIVINITY SCHOOL	SUMMER QUARTER 1905			AUTUMN QUARTER 1905			WINTER QUARTER 1905			SPRING QUARTER 1905			TOTAL (DIFFERENT) STUDENTS		
	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.
The Graduate Divinity School...	132	9	141	90	3	93	87	2	89	93	2	95	211	12	223
The Unclassified Div. students..	13	9	22	17	7	24	15	7	22	22	5	27	29	16	45
The English Theological Sem....	14	9	23	..	..	..	..	..	..	..	..	..	14	9	23
The Dano-Norwegian Theol. Sem.	..	..	..	29	..	29	29	..	29	29	..	29	29	..	29
The Swedish Theological Sem...	..	..	..	36	..	36	40	..	40	36	..	36	41	..	41
Total Divinity students.....	159	27	186*	172	10	182	171	9	180	180	7	187	324	37	361

*Of the 186 students registered in the Divinity School in the Summer Quarter, 1905, 83 were registered for one Term only.

THE MEDICAL COURSES	SUMMER QUARTER 1905			AUTUMN QUARTER 1905			WINTER QUARTER 1905			SPRING QUARTER 1905			TOTAL (DIFFERENT) STUDENTS		
	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.
Graduate students	40	3	43	64	6	70	58	6	64	57	5	62	131	13	144
Senior College students	4	..	4	36	1	37	42	4	43	42	..	42	50	1	51
Junior College students	3	..	3	11	..	11	10	..	10	10	..	10	31	..	31
Unclassified students.....	10	2	12	7	2	9	7	3	10	4	3	7	18	3	21
Medical, proper	22	2	24	21	..	29	25	..	25	19	..	19	32	2	34
Total	79	7	86	147	9	156	142	10	152	132	8	140	262	19	281

THE LAW SCHOOL	SUMMER QUARTER 1905			AUTUMN QUARTER 1905			WINTER QUARTER 1905			SPRING QUARTER 1905			TOTAL (DIFFERENT) STUDENTS		
	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.
Third-year students.....	27	..	27	38	..	38	32	..	32	32	..	32	46	..	48
Second-year students.....	29	1	30	37	1	38	39	..	39	39	..	39	56	1	57
First-year students.....	37	..	37	57	..	57	58	..	58	56	1	57	95	2	97
Unclassified students.....	1	..	1	1	..	1	1	..	1	1	..	1	2	..	2
Total in Law School	94	1	95	133	1	134	130	..	130	128	1	129	201	3	204

SUMMARY—Continued

THE COLLEGE OF EDUCATION	SUMMER QUARTER 1906			AUTUMN QUARTER 1906			WINTER QUARTER 1906			SPRING QUARTER 1906			TOTAL (DIFFERENT) STUDENTS		
	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.
College of Education	64	411	475	9	156	165	12	177	189	11	147	158	74	606	680
Registered also in other Colleges.	3	7	10	4	25	29	2	16	18	...	18	18	6	44	50
Total	67	418	485	13	181	194	14	193	207	11	165	176	80	650	730

TOTAL PROFESSIONAL SCHOOLS

	SUMMER QUARTER 1906			AUTUMN QUARTER 1906			WINTER QUARTER 1906			SPRING QUARTER 1906			TOTAL (DIFFERENT) STUDENTS		
	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.
Total students registered	399	453	852	465	201	666	457	212	669	451	181	632	867	709	1576
Duplicates	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1
Total	398	453	851	465	201	666	457	212	669	451	181	632	866	709	1575

III. TOTAL UNIVERSITY

	SUMMER QUARTER 1906			AUTUMN QUARTER 1906			WINTER QUARTER 1906			SPRING QUARTER 1906			TOTAL (DIFFERENT) STUDENTS		
	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.	M.	W.	T.
Total students registered	1195	1170	2365	1659	1245	2904	1543	1191	2734	1415	955	2370	2858	2523	5381
Duplicates	79	13	92	141	18	159	131	12	143	111	27	138	233	69	302
Total	1116	1157	2273	1518	1227	2745	1412	1179	2591	1304	928	2232	2625	2454	5079

NUMBER OF STUDENTS, 1905-6, ACCORDING TO QUARTERS IN RESIDENCE

SCHOOLS	One Quarter	Two Quarters	Three Quarters	Four Quarters	Three Quarter Basis
I. THE DEPARTMENTS OF ARTS, LITERATURE, AND SCIENCE					
The Graduate Schools	685	95	207	85	612
The Senior Colleges	252	133	253	47	488½
The Junior Colleges	235	195	507	37	764½
The Unclassified Students	500	59	50	16	277½
University College	168	262	51	—	281½
Total Arts, Literature, and Science	1,840	744	1,068	185	2,424
II. THE PROFESSIONAL SCHOOLS					
The Divinity Schools	162	51	121	27	245
The Courses in Medicine	102	47	120	22	214½
The Law School	65	19	92	27	162½
The College of Education	515	42	107	16	328
Total professional schools	844	159	440	92	950
III. TOTAL UNIVERSITY	2,684	903	1,508	277	3,374
Deduct for duplication	134	106	50	3	169½
Net Total	2,550	797	1,458	274	3,204½
Three-Quarter Basis	850	531½	1,458	365½	3,204½

NOTE.—The academic year of the University of Chicago extends over four Quarters. During each or all of these a student may be in residence. To enable an exact comparison of student attendance with that of other institutions having the customary three Quarter (= nine months) system, the attendance of students in 1905-6 has been reduced in this table to the three Quarter system. A student in residence one Quarter represents one-third of a unit; in residence two Quarters, two-thirds of a unit; in residence three Quarters, one unit; and in residence four Quarters, four-thirds of a unit on this three Quarter basis.

THE GRADUATE SCHOOLS

CLASSIFICATION OF STUDENTS WITH REFERENCE TO HIGHER DEGREES

	Men	Women	Total
Doctors of Philosophy pursuing special courses	13	6	19
Students admitted to candidacy for higher degrees	131	50	181
Students not yet admitted to candidacy for higher degrees	534	338	872
Total	678	394	1,072
University College	14	34	48
Total	692	428	1,120

TOTALS FOR DIFFERENT STUDENTS, 1905-6

SCHOOLS AND COLLEGES	Men	Women	Total
The Graduate Schools	678	394	1,072
The Senior Colleges	334	351	685
The Junior Colleges	521	453	974
The Unclassified Students	209	416	625
The University College	350	334	684
The Divinity School	324	37	361
The Courses in Medicine	262	19	281
The Law School	201	3	204
The College of Education	80	650	730
Grand total	2,959	2,657	5,616
Duplicates	334	203	537
Net Total	2,625	2,454	5,079

GRADUATES OF THE UNIVERSITY BY YEARS

METHOD OF CLASSIFICATION BY YEARS: ALL GRADUATES FROM JULY 1 OF ONE YEAR TO JULY 1 OF THE NEXT YEAR ARE ENROLLED AS GRADUATES OF THE LATTER YEAR

CLASS	Bachelors of Arts Philosophy, and Science	Bachelors of Divinity	Bachelors of Laws	Bachelors of Edu- cation	Masters of Arts, Phi- losophy, and Science	Doctors of Philoso- phy	Doctors of Law (J. D.)	Re-enacted	Total
1893	12	11	—	—	3	3	—	—	29
1894	28	6	—	—	11	8	—	—	53
1895	58	3	—	—	10	16	—	—	87
1896	105	3	—	—	15	23	—	37	183
1897	129	29	—	—	20	27	—	22	227
1898	145	25	—	—	15	34	—	2	221
1899	169	15	—	—	15	23	—	3	225
1900	162	17	—	—	33	48	—	2	262
1901	214	18	—	—	22	36	—	4	294
1902	291	17	—	—	26	26	—	1	361
1903 (Including Spring Quarter)	276	19	1	—	46	34	6	—	382
1904	268	26	3	—	50	36	10	—	393
1905	283	21	4	17	44	44	14	—	427
1906	303	15	7	21	54	31	25	4	460
Totals	2,443	225	15	38	364	389	55	75	3,604

INDEX OF NAMES

1. This index includes the names of the Trustees of the University and of the Divinity School, the Officers of Instruction and Administration in the various Schools and Colleges, the University Extension Lecturers, Instructors and Lecturers Appointed for the Summer Quarter, Deans of Affiliated Institutions, and Fellows.

2. (a) For Officers of Instruction and Administration, with academic records, see pp. 5-35. (b) For Administrative Bodies, etc., see pp. 37-136. (c) For Courses of Instruction, see pp. 139-340.

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James A. Ferrell

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